



Full wwPDB NMR Structure Validation Report ⓘ

Mar 9, 2026 – 06:03 AM UTC

PDB ID : 7TZ8 / pdb_00007tz8
BMRB ID : 17031
Title : Solution NMR structure of the PBS linker polypeptide domain (fragment 254-400) of phycobilisome linker protein ApcE from *Synechocystis* sp. PCC 6803 refined with NH RDCs. Northeast Structural Genomics Consortium Target SgR209C
Authors : Ramelot, T.A.; Tejero, R.; Montelione, G.T.; Northeast Structural Genomics Consortium (NESG)
Deposited on : 2022-02-15

This is a Full wwPDB NMR Structure Validation Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/NMRValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity	:	4-5-2 with Phenix2.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

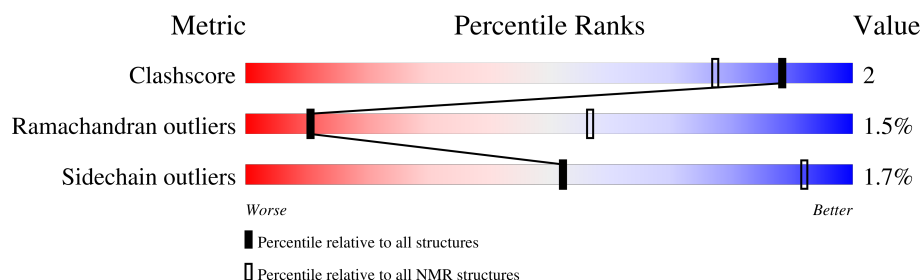
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 91%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	229148	14424
Ramachandran outliers	224038	12848
Sidechain outliers	223484	12823

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$

Mol	Chain	Length	Quality of chain
1	A	155	80% 19%

2 Ensemble composition and analysis

This entry contains 20 models. Model 3 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *medoid*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:13-A:39, A:48-A:145 (125)	1.21	3

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 3 clusters and 1 single-model cluster was found.

Cluster number	Models
1	1, 5, 6, 7, 8, 10, 12, 13, 16, 17
2	2, 3, 4, 11, 14, 15, 19
3	9, 18
Single-model clusters	20

3 Entry composition

There is only 1 type of molecule in this entry. The entry contains 2517 atoms, of which 1253 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Phycobiliprotein ApcE.

Mol	Chain	Residues	Atoms						Trace
1	A	155	Total	C	H	N	O	S	0
			2517	806	1253	227	229	2	

There are 7 discrepancies between the modelled and reference sequences:

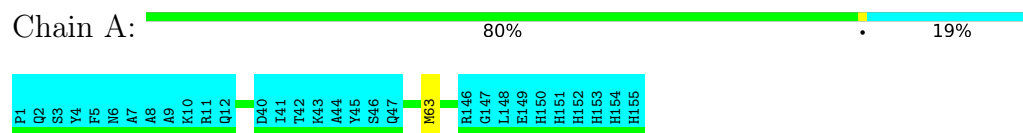
Chain	Residue	Modelled	Actual	Comment	Reference
A	149	GLU	-	expression tag	UNP Q55544
A	150	HIS	-	expression tag	UNP Q55544
A	151	HIS	-	expression tag	UNP Q55544
A	152	HIS	-	expression tag	UNP Q55544
A	153	HIS	-	expression tag	UNP Q55544
A	154	HIS	-	expression tag	UNP Q55544
A	155	HIS	-	expression tag	UNP Q55544

4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

- Molecule 1: Phycobiliprotein ApcE

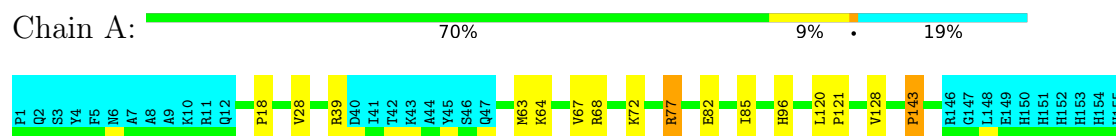


4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

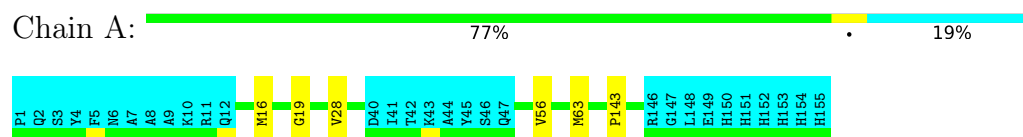
4.2.1 Score per residue for model 1

- Molecule 1: Phycobiliprotein ApcE



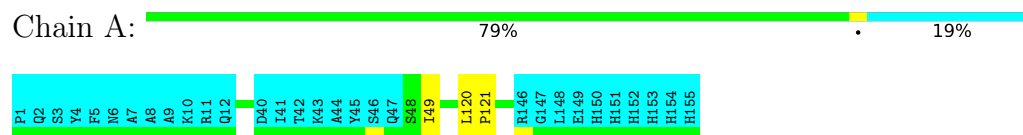
4.2.2 Score per residue for model 2

- Molecule 1: Phycobiliprotein ApcE



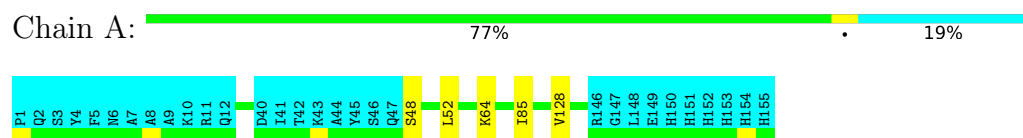
4.2.3 Score per residue for model 3 (medoid)

- Molecule 1: Phycobiliprotein ApcE



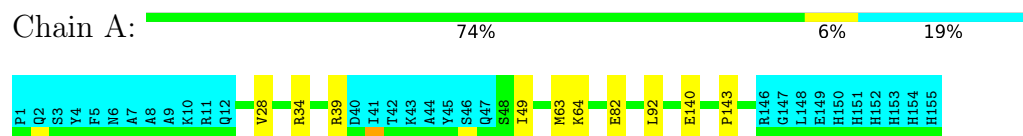
4.2.4 Score per residue for model 4

- Molecule 1: Phycobiliprotein ApcE



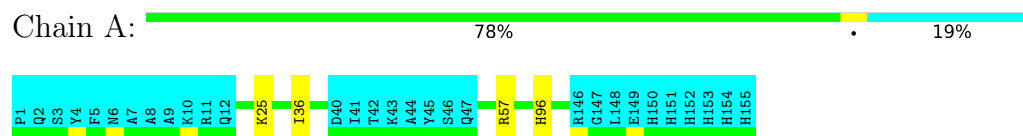
4.2.5 Score per residue for model 5

- Molecule 1: Phycobiliprotein ApcE



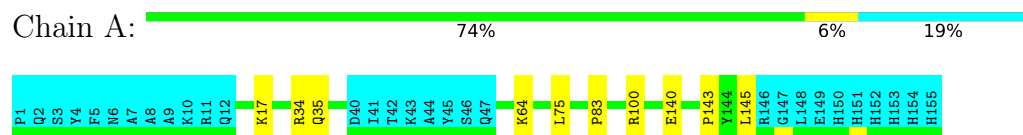
4.2.6 Score per residue for model 6

- Molecule 1: Phycobiliprotein ApcE



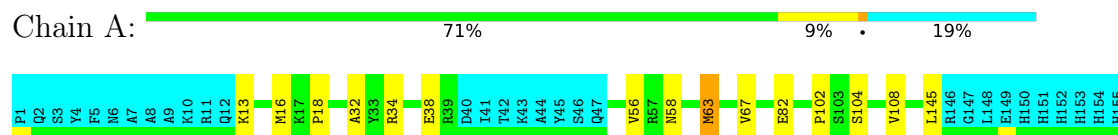
4.2.7 Score per residue for model 7

- Molecule 1: Phycobiliprotein ApcE



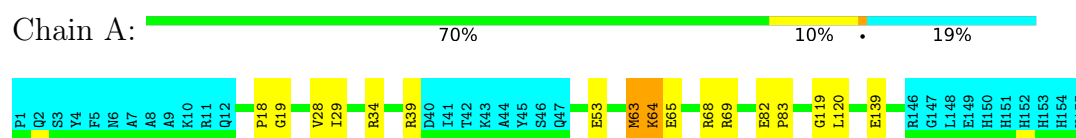
4.2.8 Score per residue for model 8

- Molecule 1: Phycobiliprotein ApcE



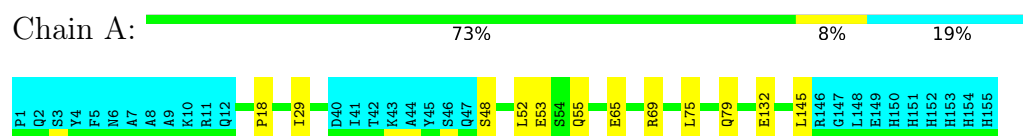
4.2.9 Score per residue for model 9

- Molecule 1: Phycobiliprotein ApcE



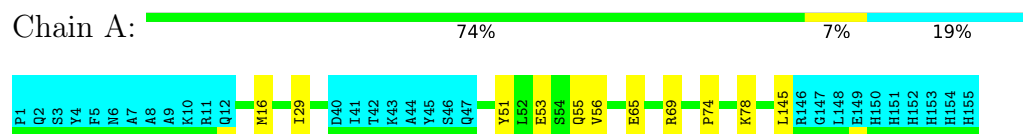
4.2.10 Score per residue for model 10

- Molecule 1: Phycobiliprotein ApcE



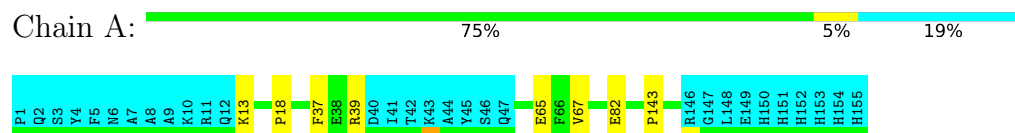
4.2.11 Score per residue for model 11

- Molecule 1: Phycobiliprotein ApcE



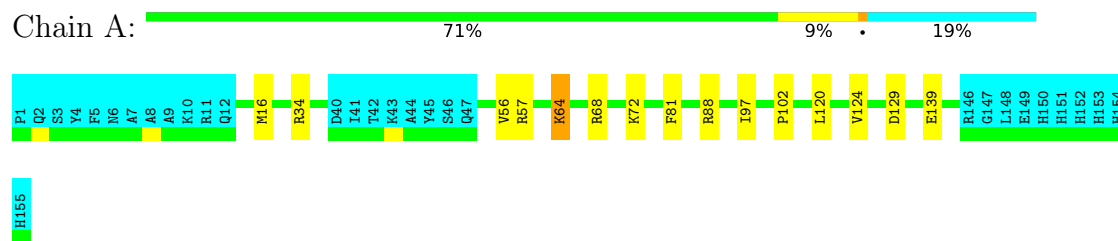
4.2.12 Score per residue for model 12

- Molecule 1: Phycobiliprotein ApcE



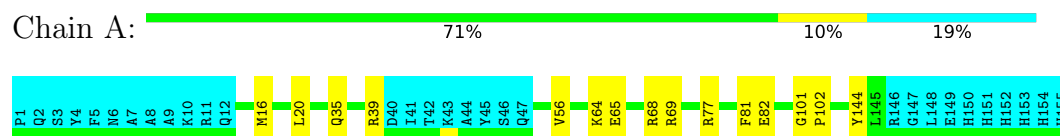
4.2.13 Score per residue for model 13

- Molecule 1: Phycobiliprotein ApcE



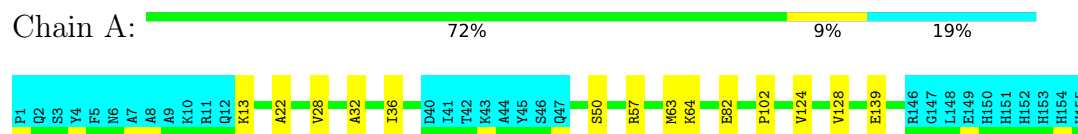
4.2.14 Score per residue for model 14

- Molecule 1: Phycobiliprotein ApcE



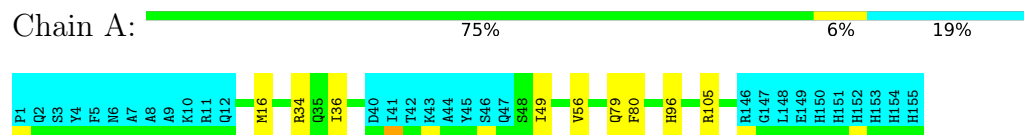
4.2.15 Score per residue for model 15

- Molecule 1: Phycobiliprotein ApcE



4.2.16 Score per residue for model 16

- Molecule 1: Phycobiliprotein ApcE



4.2.17 Score per residue for model 17

- Molecule 1: Phycobiliprotein ApcE

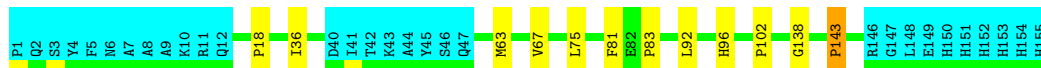




4.2.18 Score per residue for model 18

- Molecule 1: Phycobiliprotein ApcE

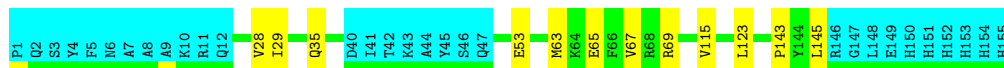
Chain A: 73% 7% 19%



4.2.19 Score per residue for model 19

- Molecule 1: Phycobiliprotein ApcE

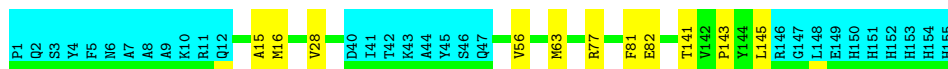
Chain A: 73% 8% 19%



4.2.20 Score per residue for model 20

- Molecule 1: Phycobiliprotein ApcE

Chain A: 74% 7% 19%



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing*.

Of the 100 calculated structures, 20 were deposited, based on the following criterion: *structures with the lowest energy*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
CNS	refinement	1.3
CYANA	structure calculation	3.98.14

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	1833
Number of shifts mapped to atoms	1833
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	91%

6 Model quality [i](#)

6.1 Standard geometry [i](#)

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the (average) root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	#Z>5	RMSZ	#Z>5
1	A	1.18±0.04	0±1/1033 (0.0± 0.1%)	1.04±0.02	0±0/1391 (0.0± 0.0%)
All	All	1.18	8/20660 (0.0%)	1.04	1/27820 (0.0%)

All unique bond outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)	Models	
								Worst	Total
1	A	82	GLU	C-N	5.89	1.39	1.33	8	5
1	A	120	LEU	C-N	5.45	1.40	1.33	13	1
1	A	18	PRO	CA-CB	5.26	1.57	1.53	9	1
1	A	85	ILE	CA-CB	5.17	1.59	1.54	1	1

All unique angle outliers are listed below.

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)	Models	
								Worst	Total
1	A	81	PHE	N-CA-C	-6.14	104.76	112.93	18	1

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts [i](#)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	1010	1015	1014	4±2
All	All	20200	20300	20280	75

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 2.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:16:MET:SD	1:A:56:VAL:HG22	0.74	2.23	14	8
1:A:65:GLU:O	1:A:69:ARG:HG2	0.50	2.07	17	5
1:A:34:ARG:HA	1:A:39:ARG:HG2	0.50	1.82	5	1
1:A:64:LYS:HE3	1:A:128:VAL:HB	0.49	1.83	4	1
1:A:36:ILE:HA	1:A:96:HIS:NE2	0.48	2.24	6	2
1:A:64:LYS:HB2	1:A:139:GLU:HA	0.48	1.86	15	3
1:A:102:PRO:HB2	1:A:108:VAL:HG22	0.47	1.86	8	1
1:A:28:VAL:HG12	1:A:63:MET:HE3	0.47	1.86	9	7
1:A:72:LYS:HA	1:A:77:ARG:NH1	0.47	2.25	1	1
1:A:63:MET:O	1:A:67:VAL:HG23	0.47	2.10	18	2
1:A:67:VAL:HG21	1:A:143:PRO:HD2	0.47	1.86	1	3
1:A:29:ILE:HG21	1:A:53:GLU:HG3	0.45	1.89	9	4
1:A:34:ARG:O	1:A:38:GLU:HA	0.45	2.11	8	1
1:A:16:MET:SD	1:A:56:VAL:O	0.45	2.75	17	1
1:A:64:LYS:HG2	1:A:128:VAL:HG12	0.45	1.88	15	1
1:A:74:PRO:O	1:A:78:LYS:HG2	0.45	2.12	17	1
1:A:96:HIS:O	1:A:143:PRO:HB3	0.45	2.12	1	1
1:A:75:LEU:O	1:A:79:GLN:HG2	0.44	2.11	10	1
1:A:35:GLN:NE2	1:A:145:LEU:HG	0.44	2.27	19	1
1:A:48:SER:O	1:A:52:LEU:HG	0.44	2.12	4	2
1:A:68:ARG:HB2	1:A:128:VAL:HG21	0.43	1.89	1	1
1:A:25:LYS:HG2	1:A:57:ARG:HG3	0.43	1.89	6	1
1:A:120:LEU:N	1:A:121:PRO:HD2	0.43	2.29	1	2
1:A:68:ARG:HD3	1:A:129:ASP:HB2	0.43	1.90	13	1
1:A:67:VAL:HG11	1:A:143:PRO:HG2	0.43	1.90	18	1
1:A:35:GLN:HG2	1:A:144:TYR:HA	0.43	1.89	14	1
1:A:32:ALA:O	1:A:36:ILE:HG12	0.43	2.12	15	1
1:A:104:SER:O	1:A:108:VAL:HG23	0.43	2.13	8	1
1:A:65:GLU:O	1:A:68:ARG:HG2	0.43	2.13	9	1
1:A:25:LYS:O	1:A:29:ILE:HG12	0.43	2.13	17	1
1:A:51:TYR:O	1:A:55:GLN:HG2	0.42	2.14	11	1
1:A:74:PRO:O	1:A:78:LYS:HG3	0.42	2.14	11	1
1:A:124:VAL:O	1:A:128:VAL:HG23	0.42	2.14	15	1
1:A:97:ILE:HD11	1:A:124:VAL:HG13	0.42	1.90	13	1
1:A:65:GLU:HB3	1:A:69:ARG:HH21	0.42	1.75	11	1
1:A:77:ARG:N	1:A:77:ARG:HE	0.41	2.13	1	1
1:A:68:ARG:HB3	1:A:72:LYS:HE2	0.41	1.91	13	1
1:A:16:MET:HA	1:A:20:LEU:HD11	0.41	1.93	14	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:92:LEU:O	1:A:96:HIS:HB2	0.41	2.16	18	1
1:A:82:GLU:N	1:A:83:PRO:HD2	0.41	2.30	9	1
1:A:15:ALA:HA	1:A:141:THR:HA	0.41	1.93	20	1
1:A:22:ALA:HB1	1:A:57:ARG:NH2	0.41	2.30	15	1
1:A:36:ILE:HG12	1:A:96:HIS:NE2	0.41	2.31	16	1
1:A:115:VAL:HB	1:A:123:LEU:HB2	0.41	1.92	19	1
1:A:32:ALA:HB2	1:A:63:MET:HE1	0.40	1.92	8	1
1:A:64:LYS:HG3	1:A:128:VAL:HB	0.40	1.93	1	1
1:A:35:GLN:HE22	1:A:145:LEU:HG	0.40	1.76	7	1

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	125/155 (81%)	114±2 (91±2%)	9±1 (7±1%)	2±1 (2±1%)	11	57
All	All	2500/3100 (81%)	2287 (91%)	175 (7%)	38 (2%)	11	57

All 17 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	18	PRO	6
1	A	143	PRO	6
1	A	102	PRO	4
1	A	81	PHE	3
1	A	39	ARG	2
1	A	19	GLY	2
1	A	82	GLU	2
1	A	83	PRO	2
1	A	13	LYS	2
1	A	145	LEU	2
1	A	85	ILE	1
1	A	119	GLY	1
1	A	120	LEU	1

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Mol	Chain	Res	Type	Models (Total)
1	A	34	ARG	1
1	A	101	GLY	1
1	A	80	PHE	1
1	A	138	GLY	1

6.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	107/132 (81%)	105±2 (98±2%)	2±2 (2±2%)	52	92
All	All	2140/2640 (81%)	2103 (98%)	37 (2%)	52	92

All 26 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	64	LYS	5
1	A	77	ARG	3
1	A	63	MET	3
1	A	140	GLU	2
1	A	34	ARG	2
1	A	39	ARG	2
1	A	92	LEU	1
1	A	17	LYS	1
1	A	75	LEU	1
1	A	100	ARG	1
1	A	58	ASN	1
1	A	55	GLN	1
1	A	132	GLU	1
1	A	145	LEU	1
1	A	13	LYS	1
1	A	37	PHE	1
1	A	65	GLU	1
1	A	57	ARG	1
1	A	88	ARG	1
1	A	68	ARG	1
1	A	82	GLU	1

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Mol	Chain	Res	Type	Models (Total)
1	A	79	GLN	1
1	A	105	ARG	1
1	A	16	MET	1
1	A	72	LYS	1
1	A	78	LYS	1

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains [i](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 91% for the well-defined parts and 83% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *nef_chemical_shift_list_bmr3.1-17031.txt*

7.1.1 Bookkeeping

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	1833
Number of shifts mapped to atoms	1833
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	2

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction $\pm$ precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	145	-0.61 ± 0.18	Should be checked
$^{13}\text{C}_\beta$	137	0.21 ± 0.10	None needed (< 0.5 ppm)
$^{13}\text{C}'$	128	-0.36 ± 0.16	None needed (< 0.5 ppm)
^{15}N	136	0.64 ± 0.27	Should be applied

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 91%, i.e. 1606 atoms were assigned a chemical shift out of a possible 1769. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	607/620 (98%)	251/251 (100%)	237/250 (95%)	119/119 (100%)
Sidechain	883/989 (89%)	593/642 (92%)	274/301 (91%)	16/46 (35%)

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	Total	¹H	¹³C	¹⁵N
Aromatic	116/160 (72%)	59/76 (78%)	57/82 (70%)	0/2 (0%)
Overall	1606/1769 (91%)	903/969 (93%)	568/633 (90%)	135/167 (81%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 83%, i.e. 1831 atoms were assigned a chemical shift out of a possible 2194. 0 out of 21 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹H	¹³C	¹⁵N
Backbone	695/769 (90%)	286/311 (92%)	273/310 (88%)	136/148 (92%)
Sidechain	1012/1189 (85%)	676/770 (88%)	316/361 (88%)	20/58 (34%)
Aromatic	124/236 (53%)	63/113 (56%)	61/109 (56%)	0/14 (0%)
Overall	1831/2194 (83%)	1025/1194 (86%)	650/780 (83%)	156/220 (71%)

7.1.4 Statistically unusual chemical shifts ⓘ

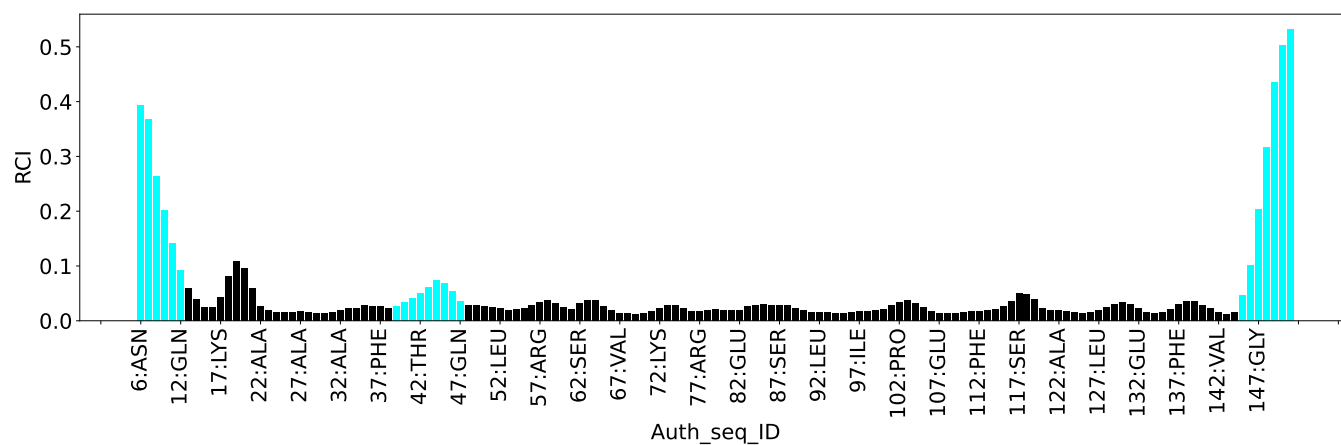
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, ppm	Expected range, ppm	Z-score
1	A	143	PRO	HA	1.97	2.78 – 6.00	-7.5
1	A	83	PRO	HB2	0.33	0.37 – 3.78	-5.1

7.1.5 Random Coil Index (RCI) plots ⓘ

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition. If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	1906
Intra-residue ($ i-j =0$)	497
Sequential ($ i-j =1$)	465
Medium range ($ i-j >1$ and $ i-j <5$)	399
Long range ($ i-j \geq 5$)	429
Inter-chain	0
Hydrogen bond restraints	116
Disulfide bond restraints	0
Total dihedral-angle restraints	196
Number of unmapped restraints	0
Number of restraints per residue	13.6
Number of long range restraints per residue ¹	2.8

¹Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	29.4	0.2
0.2-0.5 (Medium)	52.4	0.5
>0.5 (Large)	2.8	0.64

8.2.2 Average number of dihedral-angle violations per model [i](#)

Dihedral-angle violations less than 1° are not included in the calculation.

Bins (°)	Average number of violations per model	Max (°)
1.0-10.0 (Small)	4.5	5.55
10.0-20.0 (Medium)	None	None
>20.0 (Large)	None	None

9 Distance violation analysis ⓘ

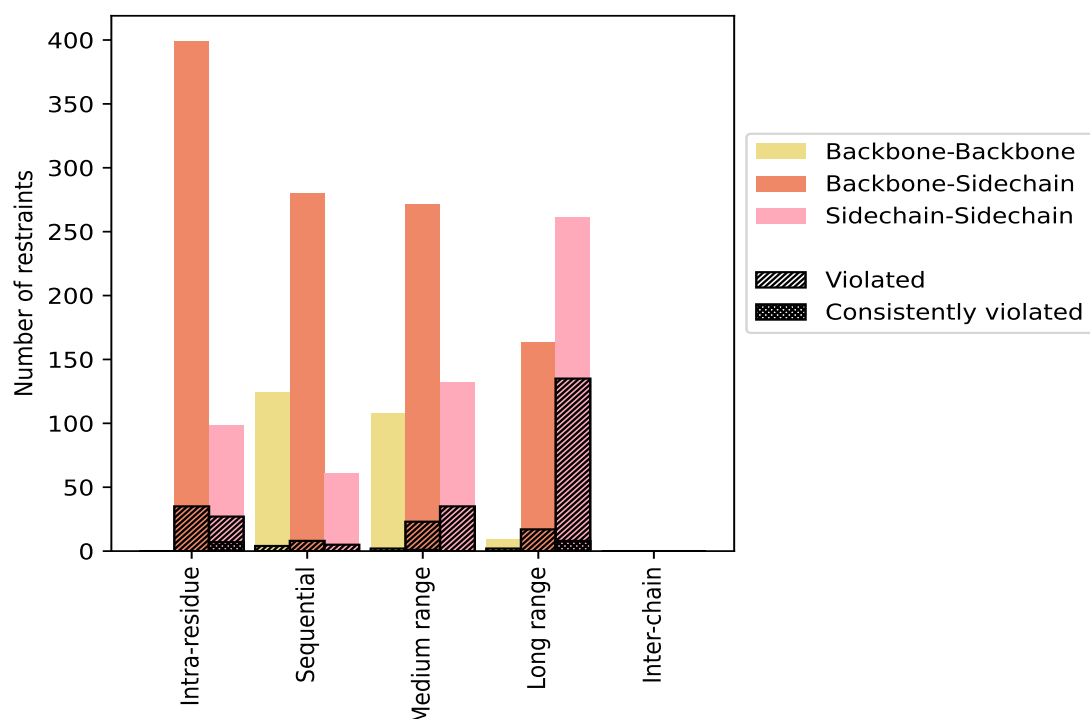
9.1 Summary of distance violations ⓘ

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue ($i-j =0$)	497	26.1	62	12.5	3.3	7	1.4	0.4
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	399	20.9	35	8.8	1.8	0	0.0	0.0
Sidechain-Sidechain	98	5.1	27	27.6	1.4	7	7.1	0.4
Sequential ($i-j =1$)	465	24.4	17	3.7	0.9	0	0.0	0.0
Backbone-Backbone	124	6.5	4	3.2	0.2	0	0.0	0.0
Backbone-Sidechain	280	14.7	8	2.9	0.4	0	0.0	0.0
Sidechain-Sidechain	61	3.2	5	8.2	0.3	0	0.0	0.0
Medium range ($i-j >1$ & $i-j <5$)	399	20.9	56	14.0	2.9	1	0.3	0.1
Backbone-Backbone	108	5.7	2	1.9	0.1	0	0.0	0.0
Backbone-Sidechain	159	8.3	19	11.9	1.0	1	0.6	0.1
Sidechain-Sidechain	132	6.9	35	26.5	1.8	0	0.0	0.0
Long range ($i-j \geq 5$)	429	22.5	154	35.9	8.1	8	1.9	0.4
Backbone-Backbone	9	0.5	2	22.2	0.1	0	0.0	0.0
Backbone-Sidechain	159	8.3	17	10.7	0.9	0	0.0	0.0
Sidechain-Sidechain	261	13.7	135	51.7	7.1	8	3.1	0.4
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	116	6.1	4	3.4	0.2	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	1906	100.0	293	15.4	15.4	16	0.8	0.8
Backbone-Backbone	241	12.6	8	3.3	0.4	0	0.0	0.0
Backbone-Sidechain	1113	58.4	83	7.5	4.4	1	0.1	0.1
Sidechain-Sidechain	552	29.0	202	36.6	10.6	15	2.7	0.8

¹ percentage calculated with respect to the total number of distance restraints, ² percentage calculated with respect to the number of restraints in a particular restraint category, ³ violated in at least one model, ⁴ violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations [i](#)



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfied bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model [i](#)

The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	22	3	11	51	0	87	0.25	0.6	0.12	0.22
2	18	3	9	56	0	86	0.27	0.6	0.12	0.24
3	17	2	11	55	0	85	0.27	0.61	0.13	0.22
4	18	2	10	49	0	79	0.26	0.59	0.13	0.22
5	21	6	13	48	0	88	0.26	0.6	0.12	0.24
6	16	4	8	61	0	89	0.26	0.59	0.11	0.24
7	15	2	18	61	0	96	0.25	0.55	0.11	0.23
8	21	6	10	57	0	94	0.27	0.58	0.12	0.24
9	19	2	12	57	0	90	0.25	0.63	0.11	0.22
10	18	3	14	61	0	96	0.27	0.58	0.11	0.26

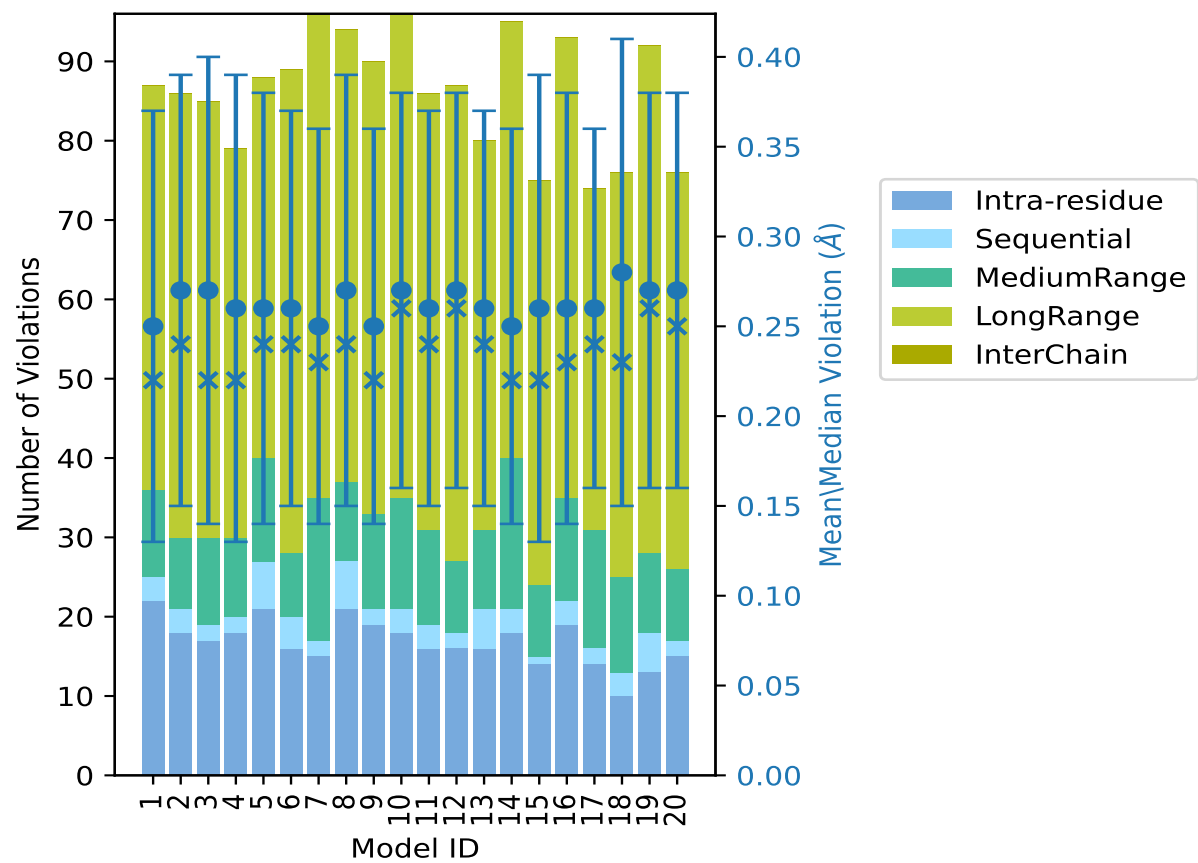
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Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
11	16	3	12	55	0	86	0.26	0.5	0.11	0.24
12	16	2	9	60	0	87	0.27	0.55	0.11	0.26
13	16	5	10	49	0	80	0.26	0.57	0.11	0.24
14	18	3	19	55	0	95	0.25	0.53	0.11	0.22
15	14	1	9	51	0	75	0.26	0.62	0.13	0.22
16	19	3	13	58	0	93	0.26	0.6	0.12	0.23
17	14	2	15	43	0	74	0.26	0.53	0.1	0.24
18	10	3	12	51	0	76	0.28	0.64	0.13	0.23
19	13	5	10	64	0	92	0.27	0.59	0.11	0.26
20	15	2	9	50	0	76	0.27	0.61	0.11	0.25

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model ⓘ



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

9.3 Distance violation statistics for the ensemble

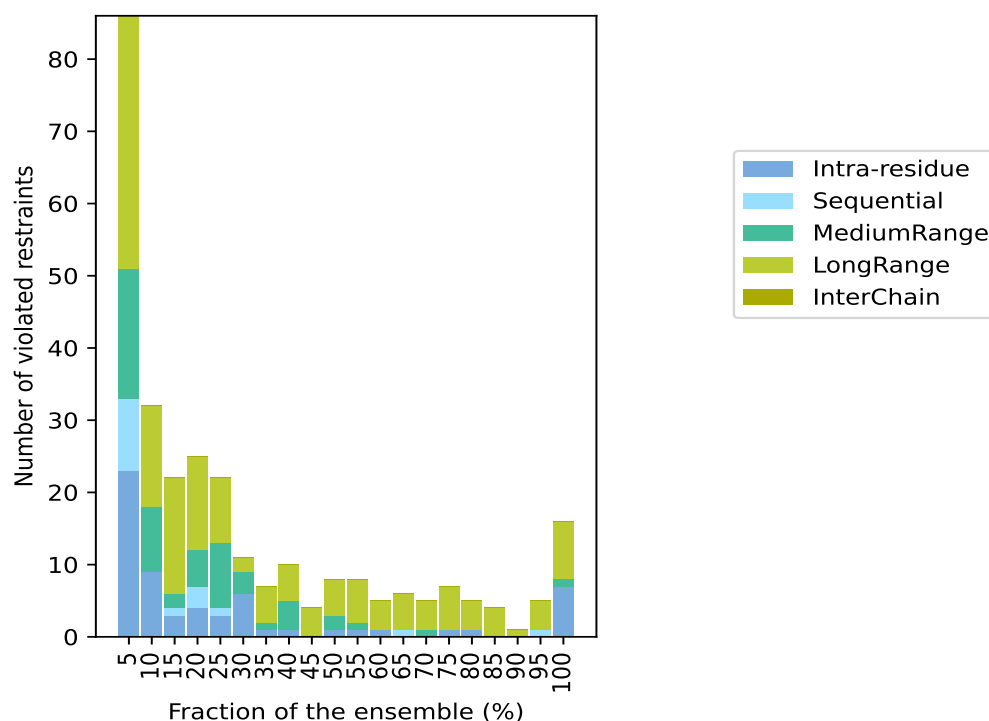
Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 1501(IR:435, SQ:448, MR:343, LR:275, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
23	10	18	35	0	86	1	5.0
9	0	9	14	0	32	2	10.0
3	1	2	16	0	22	3	15.0
4	3	5	13	0	25	4	20.0
3	1	9	9	0	22	5	25.0
6	0	3	2	0	11	6	30.0
1	0	1	5	0	7	7	35.0
1	0	4	5	0	10	8	40.0
0	0	0	4	0	4	9	45.0
1	0	2	5	0	8	10	50.0
1	0	1	6	0	8	11	55.0
1	0	0	4	0	5	12	60.0
0	1	0	5	0	6	13	65.0
0	0	1	4	0	5	14	70.0
1	0	0	6	0	7	15	75.0
1	0	0	4	0	5	16	80.0
0	0	0	4	0	4	17	85.0
0	0	0	1	0	1	18	90.0
0	1	0	4	0	5	19	95.0
7	0	1	8	0	16	20	100.0

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints,

⁵Inter-chain restraints, ⁶ Number of models with violations

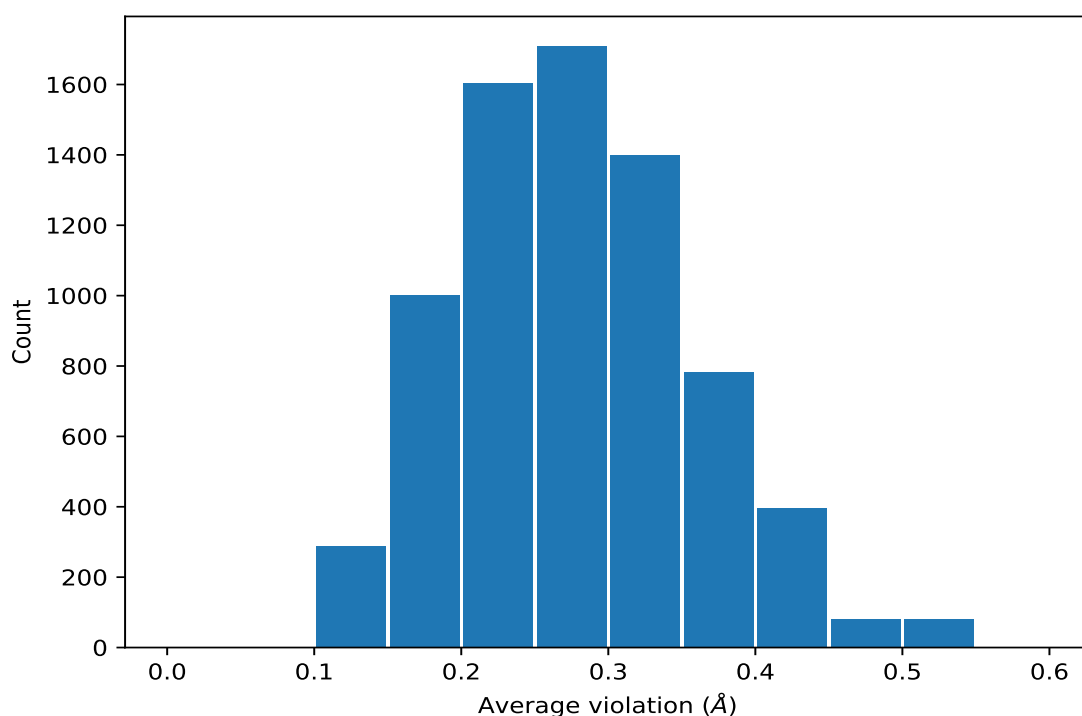
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



9.4 Most violated distance restraints in the ensemble [i](#)

9.4.1 Histogram : Distribution of mean distance violations [i](#)

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.52	0.11	0.58
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.52	0.11	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.49	0.06	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.49	0.06	0.5
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.41	0.02	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.41	0.02	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.37	0.03	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.37	0.03	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.37	0.05	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.37	0.05	0.36
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.35	0.09	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.35	0.09	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.35	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.34	0.09	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.34	0.09	0.35
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.34	0.09	0.35
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.34	0.12	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.34	0.12	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.34	0.04	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.34	0.04	0.34
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.33	0.11	0.32
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.33	0.11	0.32
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.32	0.05	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.32	0.05	0.33
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22	0.01	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.22	0.01	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.22	0.01	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.21	0.06	0.22
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.21	0.06	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.21	0.01	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.21	0.01	0.21
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.15	0.03	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.15	0.03	0.13
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.33	0.1	0.37

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WORLDWIDE
PDB
PROTEIN DATA BANK

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.33	0.1	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.33	0.1	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.24	0.08	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.24	0.08	0.24
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.24	0.06	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.24	0.06	0.23
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.21	0.06	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.21	0.06	0.21
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.16	0.04	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.16	0.04	0.15
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.34	0.11	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.34	0.11	0.32
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.34	0.11	0.32
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.4	0.1	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.4	0.1	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.32	0.11	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.32	0.11	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.3	0.11	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.3	0.11	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.24	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.24	0.07	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.24	0.07	0.24
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	16	0.4	0.03	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	16	0.4	0.03	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	16	0.4	0.03	0.4
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.31	0.08	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.31	0.08	0.3
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.3	0.16	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.3	0.16	0.26
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	16	0.28	0.1	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	16	0.28	0.1	0.3
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.27	0.1	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.27	0.1	0.26
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	15	0.41	0.08	0.41

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WORLD WIDE
PDB
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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	15	0.41	0.08	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	15	0.41	0.08	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.35	0.09	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.35	0.09	0.36
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.33	0.16	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.33	0.16	0.34
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.29	0.1	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.29	0.1	0.3
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.27	0.1	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.27	0.1	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.27	0.1	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.26	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.26	0.08	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.26	0.08	0.26
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21	0.01	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21	0.01	0.21
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.3	0.09	0.3
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.3	0.09	0.3
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.28	0.13	0.24
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.28	0.13	0.24
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.26	0.06	0.27
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.26	0.06	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	14	0.25	0.06	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	14	0.25	0.06	0.26
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	14	0.19	0.06	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	14	0.19	0.06	0.16
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.29	0.09	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.29	0.09	0.32
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.28	0.07	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.28	0.07	0.27
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.28	0.09	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.28	0.09	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.27	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.27	0.08	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.27	0.08	0.26
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	13	0.26	0.1	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	13	0.26	0.1	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.25	0.08	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.25	0.08	0.24
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.35	0.14	0.36
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.35	0.14	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.3	0.07	0.31
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.3	0.07	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.25	0.11	0.26
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.25	0.11	0.26
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.22	0.07	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.22	0.07	0.24
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.13	0.02	0.12
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.13	0.02	0.12
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.44	0.08	0.42

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.44	0.08	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.44	0.08	0.42
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	11	0.34	0.17	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	11	0.34	0.17	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	11	0.34	0.17	0.38
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.3	0.1	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.3	0.1	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	11	0.26	0.09	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	11	0.26	0.09	0.27
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	11	0.24	0.08	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	11	0.24	0.08	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.23	0.06	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.23	0.06	0.21
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	11	0.21	0.07	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	11	0.21	0.07	0.17
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	11	0.13	0.03	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	11	0.13	0.03	0.12
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	10	0.38	0.11	0.36
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	10	0.38	0.11	0.36
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.37	0.13	0.38
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.37	0.13	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34	0.1	0.33
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34	0.1	0.33
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.24	0.11	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.24	0.11	0.21
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.23	0.08	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.23	0.08	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.23	0.08	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	10	0.22	0.08	0.21
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	10	0.22	0.08	0.21
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	10	0.2	0.07	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	10	0.2	0.07	0.2
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	10	0.2	0.07	0.2
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.16	0.04	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.16	0.04	0.16
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.32	0.14	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.32	0.14	0.34
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.29	0.11	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.29	0.11	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	9	0.27	0.12	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	9	0.27	0.12	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	9	0.27	0.12	0.26
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	9	0.25	0.07	0.25
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.36	0.08	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.36	0.08	0.34
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	8	0.32	0.09	0.32
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	8	0.32	0.09	0.32
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.27	0.06	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.27	0.06	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	8	0.25	0.07	0.25
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	8	0.25	0.07	0.25
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	8	0.24	0.06	0.25
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	8	0.24	0.06	0.25
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	8	0.24	0.06	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	8	0.24	0.06	0.25
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	8	0.23	0.09	0.26
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	8	0.23	0.09	0.26
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23	0.07	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23	0.07	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23	0.07	0.22
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	8	0.2	0.07	0.18
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	8	0.2	0.07	0.18
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	8	0.18	0.06	0.16
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	8	0.18	0.06	0.16
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	8	0.14	0.03	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	8	0.14	0.03	0.14
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	7	0.29	0.11	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	7	0.29	0.11	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	7	0.29	0.11	0.33
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	7	0.28	0.06	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	7	0.28	0.06	0.3
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	7	0.27	0.09	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	7	0.27	0.09	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.23	0.06	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.23	0.06	0.26
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	7	0.18	0.03	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	7	0.18	0.03	0.18
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	7	0.18	0.07	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	7	0.18	0.07	0.19
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	7	0.12	0.01	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	7	0.12	0.01	0.12
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28	0.07	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28	0.07	0.28
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	6	0.24	0.12	0.2
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	6	0.24	0.12	0.2
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	6	0.22	0.12	0.16
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	6	0.22	0.12	0.16
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.21	0.01	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.21	0.01	0.21
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.2	0.06	0.22
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.2	0.06	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	6	0.19	0.03	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	6	0.19	0.03	0.18
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	6	0.19	0.03	0.18
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.19	0.05	0.2
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.19	0.05	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	6	0.19	0.03	0.2
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	6	0.19	0.03	0.2
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	6	0.17	0.04	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	6	0.17	0.04	0.16
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	6	0.13	0.02	0.13
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	6	0.13	0.02	0.13
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11	0.0	0.11

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11	0.0	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11	0.0	0.11
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	5	0.36	0.11	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	5	0.36	0.11	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	5	0.36	0.11	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	5	0.34	0.06	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	5	0.34	0.06	0.32
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	5	0.33	0.14	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	5	0.33	0.14	0.23
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	5	0.33	0.06	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	5	0.33	0.06	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	5	0.33	0.06	0.35
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	5	0.3	0.12	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	5	0.3	0.12	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	5	0.3	0.12	0.32
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28	0.1	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28	0.1	0.26
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	5	0.27	0.09	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	5	0.27	0.09	0.23
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.26	0.11	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.26	0.11	0.26
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	5	0.23	0.09	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	5	0.23	0.09	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	5	0.22	0.01	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	5	0.22	0.01	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	5	0.21	0.05	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	5	0.21	0.05	0.23
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	5	0.2	0.04	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	5	0.2	0.04	0.19
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	5	0.2	0.06	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	5	0.2	0.06	0.22
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	5	0.19	0.06	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	5	0.19	0.06	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	5	0.18	0.05	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	5	0.18	0.05	0.17
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	5	0.18	0.03	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	5	0.18	0.03	0.18
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	5	0.18	0.05	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	5	0.18	0.05	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	5	0.18	0.05	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	5	0.18	0.05	0.21
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	5	0.18	0.04	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	5	0.18	0.04	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.18	0.07	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.18	0.07	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.18	0.07	0.17
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.16	0.08	0.13
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.16	0.04	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.16	0.04	0.17
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	5	0.15	0.04	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	5	0.15	0.04	0.13
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	4	0.39	0.11	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	4	0.39	0.11	0.44
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.32	0.11	0.32
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.32	0.11	0.32
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	4	0.32	0.02	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	4	0.32	0.11	0.33
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	4	0.32	0.11	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	4	0.27	0.08	0.26
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	4	0.27	0.08	0.26
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	4	0.25	0.05	0.24
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	4	0.25	0.05	0.24
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	4	0.25	0.05	0.27
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	4	0.25	0.05	0.27
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	4	0.24	0.1	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	4	0.24	0.1	0.24
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	4	0.24	0.1	0.24
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	4	0.22	0.08	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	4	0.22	0.08	0.23
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	4	0.22	0.08	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	4	0.22	0.1	0.18
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	4	0.22	0.1	0.18
(1,1890)	1:148:A:LEU:HA	1:149:A:GLU:H	4	0.2	0.01	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	4	0.19	0.05	0.17
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	4	0.19	0.05	0.17
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	4	0.19	0.05	0.17
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	4	0.19	0.05	0.17
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	4	0.18	0.03	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	4	0.18	0.03	0.2
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.18	0.06	0.18
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.18	0.06	0.18
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	4	0.18	0.08	0.16
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	4	0.18	0.08	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	4	0.18	0.04	0.18
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	4	0.18	0.04	0.18
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	4	0.18	0.07	0.15
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	4	0.18	0.07	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	4	0.17	0.05	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	4	0.17	0.06	0.15
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	4	0.17	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	4	0.17	0.06	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.16	0.05	0.15
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.16	0.05	0.15
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.15	0.03	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.15	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	4	0.14	0.03	0.14
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	4	0.14	0.03	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	4	0.14	0.03	0.14
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	4	0.14	0.03	0.14
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	4	0.13	0.02	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	4	0.13	0.02	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	4	0.12	0.01	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	4	0.12	0.01	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	4	0.12	0.01	0.12
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	3	0.39	0.08	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	3	0.39	0.08	0.36
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.36	0.03	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.36	0.03	0.37
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	3	0.28	0.05	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	3	0.28	0.05	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	3	0.28	0.05	0.29
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	3	0.27	0.02	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	3	0.27	0.02	0.26
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	3	0.26	0.11	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	3	0.26	0.11	0.22
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	3	0.24	0.12	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	3	0.24	0.12	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	3	0.24	0.08	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	3	0.24	0.08	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	3	0.24	0.07	0.24
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	3	0.23	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	3	0.23	0.08	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	3	0.23	0.08	0.26
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	3	0.22	0.03	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	3	0.22	0.03	0.23
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	3	0.21	0.06	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	3	0.21	0.06	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	3	0.21	0.03	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	3	0.21	0.03	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	3	0.21	0.03	0.21
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	3	0.2	0.0	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	3	0.2	0.0	0.2
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	3	0.19	0.04	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	3	0.19	0.04	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	3	0.15	0.02	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	3	0.15	0.02	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15	0.01	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15	0.01	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	3	0.14	0.02	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	3	0.14	0.02	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	3	0.14	0.02	0.15
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	3	0.14	0.02	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	3	0.14	0.02	0.14
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	3	0.13	0.0	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	3	0.13	0.0	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	3	0.13	0.01	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	3	0.13	0.01	0.13
(1,117)	1:10:A:LYS:HA	1:11:A:ARG:H	3	0.12	0.02	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	3	0.11	0.0	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	3	0.11	0.0	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	3	0.11	0.0	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	3	0.11	0.0	0.11
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	2	0.42	0.06	0.42
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	2	0.42	0.06	0.42
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	2	0.35	0.12	0.35
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	2	0.35	0.12	0.35
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	2	0.3	0.02	0.3
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	2	0.3	0.02	0.3
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	2	0.29	0.06	0.29
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	2	0.29	0.06	0.29
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.27	0.03	0.27
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.27	0.03	0.27
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	2	0.24	0.01	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	2	0.24	0.01	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	2	0.24	0.03	0.24
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	2	0.24	0.03	0.24
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	2	0.23	0.09	0.23
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	2	0.23	0.09	0.23
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	2	0.22	0.01	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	2	0.22	0.01	0.22
(1,1905)	1:149:A:GLU:H	1:149:A:GLU:HG3	2	0.2	0.0	0.2
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	2	0.2	0.04	0.2
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	2	0.2	0.04	0.2
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	2	0.2	0.04	0.2
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	2	0.2	0.04	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	2	0.18	0.02	0.18
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	2	0.18	0.02	0.18
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	2	0.18	0.02	0.18
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	2	0.18	0.02	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	2	0.18	0.04	0.18
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	2	0.18	0.04	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	2	0.18	0.02	0.18
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	2	0.18	0.02	0.18
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.17	0.05	0.17
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.17	0.05	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	2	0.17	0.01	0.17
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	2	0.17	0.01	0.17
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	2	0.17	0.04	0.17
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	2	0.17	0.04	0.17
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	2	0.17	0.04	0.17
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	2	0.17	0.04	0.17
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	2	0.16	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	2	0.16	0.04	0.16
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	2	0.16	0.04	0.16
(1,1761)	1:130:A:SER:HB2	1:132:A:GLU:H	2	0.16	0.01	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	2	0.16	0.05	0.16
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	2	0.16	0.05	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	2	0.16	0.03	0.16
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	2	0.16	0.03	0.16
(1,1308)	1:95:A:ARG:HA	1:100:A:ARG:H	2	0.16	0.05	0.16
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	2	0.15	0.05	0.15
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	2	0.15	0.05	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.15	0.04	0.15
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.15	0.04	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	2	0.15	0.02	0.15
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	2	0.15	0.02	0.15
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	2	0.14	0.03	0.14
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	2	0.14	0.03	0.14
(1,504)	1:34:A:ARG:HA	1:39:A:ARG:H	2	0.13	0.01	0.13
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	2	0.13	0.02	0.13
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	2	0.13	0.02	0.13
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	2	0.13	0.02	0.13
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	2	0.13	0.02	0.13
(1,25)	1:45:A:TYR:H	1:42:A:THR:O	2	0.12	0.01	0.12
(1,1489)	1:109:A:GLN:H	1:109:A:GLN:HG3	2	0.12	0.01	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	2	0.12	0.0	0.12

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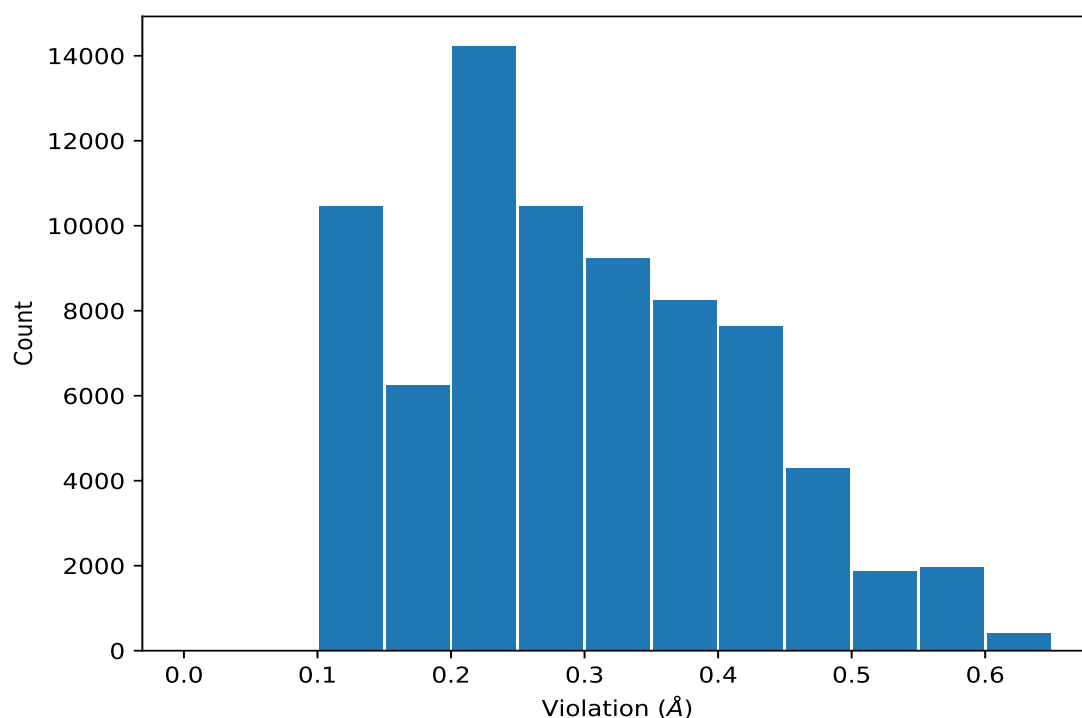
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	2	0.12	0.0	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	2	0.12	0.0	0.12
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.1	0.0	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	2	0.1	0.0	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	2	0.1	0.0	0.1

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

9.5.1 Histogram : Distribution of distance violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG21	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG22	1:75:A:LEU:HD13	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD11	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD12	18	0.64
(1,604)	1:41:A:ILE:HG23	1:75:A:LEU:HD13	18	0.64
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	9	0.63
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	9	0.63
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	15	0.62
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	15	0.62
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	3	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	3	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	20	0.61
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	20	0.61
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	1	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	1	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	1	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	2	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	2	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	2	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	5	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	5	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	5	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	16	0.6
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	16	0.6
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	4	0.59
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	4	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	6	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	6	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	19	0.59
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	19	0.59
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	8	0.58
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	8	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	9	0.58
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	9	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	16	0.58
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	16	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	10	0.58
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	10	0.58
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	13	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	13	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	15	0.57
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	15	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	3	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	3	0.57
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	3	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	5	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	5	0.57
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	5	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	18	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	18	0.57
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	18	0.57
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	18	0.57
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	3	0.56
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	3	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	15	0.56
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	15	0.56
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	15	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	8	0.56
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	8	0.56
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	1	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	1	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	18	0.55
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	18	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	12	0.55
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	12	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	4	0.55
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	4	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	7	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	7	0.55
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	7	0.55
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD11	1:133:A:TYR:HD2	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD12	1:133:A:TYR:HD2	2	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD1	2	0.54
(1,1375)	1:98:A:LEU:HD13	1:133:A:TYR:HD2	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	2	0.54
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	2	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	18	0.54
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	18	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	12	0.54
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	12	0.54
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	20	0.53
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	20	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	14	0.53
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	14	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	17	0.53
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	17	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	1	0.53
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	1	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	9	0.53
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	9	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	15	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	15	0.53
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	15	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	5	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	5	0.53
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	5	0.53
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	10	0.52
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	10	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	6	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	6	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	19	0.52
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	19	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	4	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	4	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	15	0.52
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	15	0.52
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	19	0.51
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	19	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	13	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	13	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	13	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	20	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	20	0.51
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	20	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	8	0.51
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	8	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	19	0.51
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	19	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	20	0.51
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	20	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	16	0.51
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	16	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	8	0.51
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	8	0.51
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	3	0.5
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	3	0.5
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	3	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	2	0.5
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	2	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	11	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	11	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	12	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	12	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	12	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	16	0.5
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	16	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	10	0.5
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	10	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	5	0.5
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	5	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	2	0.5
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	2	0.5
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	3	0.49
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	3	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	16	0.49
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	16	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	7	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	7	0.49
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	7	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	6	0.49
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	6	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	10	0.49
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	10	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	3	0.49
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	3	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	18	0.49
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	18	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	13	0.49
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	13	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	12	0.49
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	12	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	19	0.49
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	19	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	17	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	17	0.49
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	17	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	10	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	10	0.49
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	10	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	18	0.49
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	18	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	4	0.49
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	4	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	19	0.49
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	19	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	6	0.49
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	6	0.49
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	7	0.48
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	7	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	15	0.48
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	15	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	5	0.48
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	5	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	14	0.48
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	14	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	11	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	11	0.48
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	11	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD2	1:120:A:LEU:HD23	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD21	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD22	13	0.48
(1,1052)	1:77:A:ARG:HD3	1:120:A:LEU:HD23	13	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	7	0.48
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	7	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	8	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	8	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	19	0.48
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	19	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	16	0.48
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	16	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	11	0.48
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	11	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	4	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	4	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	7	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	7	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	14	0.48
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	14	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	14	0.48
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	14	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	12	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	12	0.48
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	12	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	8	0.48
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	8	0.48
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	5	0.47
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	5	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	4	0.47
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	4	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	1	0.47
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	1	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	10	0.47
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	10	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	20	0.47
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	20	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	19	0.47
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	19	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	1	0.47
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	1	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	11	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	11	0.47
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	11	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	2	0.47
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	2	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	15	0.47
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	15	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	17	0.47
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	17	0.47
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	16	0.46
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	16	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	4	0.46
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	4	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	3	0.46
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	3	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	8	0.46
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	8	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	7	0.46
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	7	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	17	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	17	0.46
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	17	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	18	0.46
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	18	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	1	0.46
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	1	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	8	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	8	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	13	0.46
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	13	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	11	0.46
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	11	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	5	0.46
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	5	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	9	0.46
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	9	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	2	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	2	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	11	0.46
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	11	0.46
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	3	0.45
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	3	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	14	0.45
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	14	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	2	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	2	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	16	0.45
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	16	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	4	0.45
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	4	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	6	0.45
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	6	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	2	0.45
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	2	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	9	0.45
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	9	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	8	0.45
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	8	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	12	0.45
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	12	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	14	0.45
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	14	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	1	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	1	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	10	0.45
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	10	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	18	0.45
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	18	0.45
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	3	0.44
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	3	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	19	0.44
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	19	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	11	0.44
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	11	0.44
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	11	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	12	0.44
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	12	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	7	0.44
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	7	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	19	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	19	0.44
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	19	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	1	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	1	0.44
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	1	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	15	0.44
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	15	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	14	0.44
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	14	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	12	0.44
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	12	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	6	0.44
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	6	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	14	0.44
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	14	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	8	0.44
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	8	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	4	0.44
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	4	0.44
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	4	0.44
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	14	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	14	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	14	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	18	0.43
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	18	0.43
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	18	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	12	0.43
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	12	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	8	0.43
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	8	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	11	0.43
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	11	0.43
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	11	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	5	0.43
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	5	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	10	0.43
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	10	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	5	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	5	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	8	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	8	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	18	0.43
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	18	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	8	0.43
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	8	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	5	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	5	0.43
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	5	0.43
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	7	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	7	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	7	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	9	0.42
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	9	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	17	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	17	0.42
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	17	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	10	0.42
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	10	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	8	0.42
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	8	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	17	0.42
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	17	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	15	0.42
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	15	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	14	0.42
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	14	0.42
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	14	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	4	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	4	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	4	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	11	0.42
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	11	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	18	0.42
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	18	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	10	0.42
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	10	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	1	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	1	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	17	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	17	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	19	0.42
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	19	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	6	0.42
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	6	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	18	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	18	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	20	0.42
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	20	0.42
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	4	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	4	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	8	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	8	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	15	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	15	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	17	0.41
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	17	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	18	0.41
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	18	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	1	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	1	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	13	0.41
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	13	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	6	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	6	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	18	0.41
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	18	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	3	0.41
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	3	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	16	0.41
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	16	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	4	0.41
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	4	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	2	0.41
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	2	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	4	0.41
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	4	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	15	0.41
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	15	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	8	0.41
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	8	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	16	0.41
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	16	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	14	0.41
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	14	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	17	0.41
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	17	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	16	0.41
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	16	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	19	0.41
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	19	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	12	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	12	0.41
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	12	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41

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Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	4	0.41
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	4	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	10	0.41
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	10	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	15	0.41
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	15	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	3	0.41
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	3	0.41
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	19	0.41
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	19	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	10	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	10	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	20	0.41
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	20	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	2	0.41
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	2	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	12	0.41
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	12	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	11	0.41
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	11	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	20	0.41
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	20	0.41
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	12	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	12	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	16	0.4
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	16	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	1	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	1	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	2	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	2	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	5	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	5	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	6	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	6	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	11	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	11	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	12	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	12	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	13	0.4
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	13	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	7	0.4
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	7	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	12	0.4
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	12	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	20	0.4
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	20	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	13	0.4
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	13	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	7	0.4
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	7	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	19	0.4
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	19	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	14	0.4
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	14	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	15	0.4
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	15	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG21	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG22	1:43:A:LYS:HB3	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB2	5	0.4
(1,615)	1:42:A:THR:HG23	1:43:A:LYS:HB3	5	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	10	0.4
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	10	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	6	0.4
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	6	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	2	0.4
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	2	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	12	0.4
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	12	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	3	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	3	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	14	0.4
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	14	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	3	0.4
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	3	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	3	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	4	0.4
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	4	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	6	0.4
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	6	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	9	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	10	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	10	0.4
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	10	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	2	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	2	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	6	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	6	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	16	0.4
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	16	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	6	0.4
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	6	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	14	0.4
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	14	0.4
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	3	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	3	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	10	0.39
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	10	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	20	0.39
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	20	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	16	0.39
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	16	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	9	0.39
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	9	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	2	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	2	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	5	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	5	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	5	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	17	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	17	0.39
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	9	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	9	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	17	0.39
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	17	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	6	0.39
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	6	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB1	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB2	1:124:A:VAL:HG13	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG11	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG12	2	0.39
(1,990)	1:71:A:ALA:HB3	1:124:A:VAL:HG13	2	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	9	0.39
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	9	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	8	0.39
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	8	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	10	0.39
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	10	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	12	0.39
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	12	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	3	0.39
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	3	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	9	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	9	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	20	0.39
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	20	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	11	0.39
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	11	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	8	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	8	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	16	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	16	0.39
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	16	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	6	0.39
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	6	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	19	0.39
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	3	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	3	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	9	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	9	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	13	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	13	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	19	0.39
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	19	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	10	0.39
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	10	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	13	0.39
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	13	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	7	0.39
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	7	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	11	0.39
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	11	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	19	0.39
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	19	0.39
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	13	0.38
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	13	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	16	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	16	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG21	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG22	1:114:A:ILE:HD13	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD11	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD12	20	0.38
(1,1580)	1:114:A:ILE:HG23	1:114:A:ILE:HD13	20	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	14	0.38
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	14	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	5	0.38
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	5	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	16	0.38
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	16	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	14	0.38
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	14	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	1	0.38
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	1	0.38
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	1	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	1	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	3	0.38
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	3	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	5	0.38
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	5	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	13	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	13	0.38
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	13	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	7	0.38
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	7	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	18	0.38
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	18	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	11	0.38
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	11	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	18	0.38
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	18	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	2	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	2	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	13	0.38
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	13	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	2	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	2	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	19	0.38
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	19	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	15	0.38
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	15	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	16	0.38
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	16	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	2	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	2	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	18	0.38
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	18	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	2	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	2	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	20	0.38
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	20	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	16	0.38
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	16	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	4	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	4	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	12	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	12	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	15	0.38
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	15	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	9	0.38
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	9	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	8	0.38
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	8	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	4	0.38
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	4	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	7	0.38
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	7	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	7	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	20	0.38
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	20	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	7	0.38
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	7	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	5	0.38
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	5	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	17	0.38
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	17	0.38
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	5	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	5	0.37
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	5	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	11	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	11	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	15	0.37
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	15	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	12	0.37
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	12	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	10	0.37
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	10	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	6	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	6	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	9	0.37
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	9	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	17	0.37
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	17	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	8	0.37
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	8	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	7	0.37
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	7	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	12	0.37
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	12	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	9	0.37
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	9	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	3	0.37
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	3	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	12	0.37
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	12	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	5	0.37
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	5	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	18	0.37
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	18	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	7	0.37
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	7	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	11	0.37
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	11	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	13	0.37
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	13	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	6	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	6	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	12	0.37
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	12	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	1	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	1	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	8	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	8	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	18	0.37
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	18	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	10	0.37
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	10	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	3	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	3	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	4	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	4	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	7	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	7	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	11	0.37
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	11	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	14	0.37
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	6	0.37
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	6	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	20	0.37
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	20	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	4	0.37
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	4	0.37
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	10	0.36
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	10	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	7	0.36
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	7	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	3	0.36
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	3	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	7	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	17	0.36
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	17	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	1	0.36
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	1	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	3	0.36
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	3	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	14	0.36
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	14	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	4	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	4	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	18	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	18	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	18	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	19	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	19	0.36
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	19	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	13	0.36
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	13	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	8	0.36
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	2	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	2	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	4	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	4	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	8	0.36
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	8	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	1	0.36
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	1	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	3	0.36
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	3	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	19	0.36
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	19	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	17	0.36
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	17	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	3	0.36
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	3	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	4	0.36
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	4	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	9	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	9	0.36
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	9	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	13	0.36
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	13	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	1	0.36
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	1	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	12	0.36
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	12	0.36
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	1	0.36
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	1	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	1	0.36
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	1	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	2	0.36
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	2	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	15	0.36
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	15	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	14	0.36
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	14	0.36
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	14	0.36
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	2	0.35
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	2	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG21	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG22	1:128:A:VAL:HG13	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG11	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG12	1	0.35
(1,1347)	1:97:A:ILE:HG23	1:128:A:VAL:HG13	1	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	3	0.35
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	3	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	11	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	11	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	18	0.35
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	18	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE1	1:123:A:LEU:HD13	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD11	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD12	8	0.35
(1,1296)	1:94:A:PHE:HE2	1:123:A:LEU:HD13	8	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	10	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	10	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	10	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	20	0.35
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	20	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	6	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	6	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	8	0.35
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	8	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	10	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	10	0.35
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	10	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	18	0.35
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	18	0.35
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	18	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	2	0.35
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	2	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	7	0.35
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	7	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	12	0.35
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	12	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	7	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	7	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG21	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG22	1:41:A:ILE:HD13	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD11	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD12	14	0.35
(1,597)	1:41:A:ILE:HG23	1:41:A:ILE:HD13	14	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	11	0.35
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	11	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	15	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	15	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	20	0.35
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	20	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	10	0.35
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	10	0.35
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	3	0.35
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	3	0.35
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	11	0.35
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	11	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	10	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	10	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	12	0.35
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	12	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	5	0.35
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	5	0.35
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	5	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	20	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	20	0.35
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	20	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	12	0.35
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	12	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	19	0.35
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	19	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	6	0.35
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	6	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	5	0.35
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	5	0.35
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	7	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	7	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	14	0.34
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	14	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	16	0.34
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	16	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	1	0.34
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	1	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	19	0.34
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	19	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	1	0.34
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	1	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	19	0.34
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	19	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	7	0.34
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	7	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD21	1:115:A:VAL:HG23	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG21	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG22	8	0.34
(1,1156)	1:86:A:ASN:HD22	1:115:A:VAL:HG23	8	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	10	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	10	0.34
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	10	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	17	0.34
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	17	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	16	0.34
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	16	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	10	0.34
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	10	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	13	0.34
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	13	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	10	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	10	0.34
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	10	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD1	1:70:A:LEU:HB3	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB2	2	0.34
(1,559)	1:37:A:PHE:HD2	1:70:A:LEU:HB3	2	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	20	0.34
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	20	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	4	0.34
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	4	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	7	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	7	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	18	0.34
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	18	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	2	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	2	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	2	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	20	0.34
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	20	0.34
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	20	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	20	0.34
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	20	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	17	0.34
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	17	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	12	0.34
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	12	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	3	0.34
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	3	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	17	0.34
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	17	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	1	0.34
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	1	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	16	0.34
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	16	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	1	0.34
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	1	0.34
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	14	0.33
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	14	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	20	0.33
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	20	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	4	0.33
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	4	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	13	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	13	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	14	0.33
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	14	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	9	0.33
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	9	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	12	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	12	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	16	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	16	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33

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Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	17	0.33
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	17	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	11	0.33
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	11	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33

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Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	15	0.33
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	15	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	1	0.33
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	1	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	9	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	9	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	15	0.33
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	15	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	17	0.33
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	17	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	19	0.33
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	19	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	8	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	8	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	16	0.33
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	16	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	3	0.33
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	3	0.33
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	10	0.33
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	10	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	2	0.33
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	2	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	12	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	12	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	13	0.33
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	13	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	10	0.33
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	10	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	1	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	1	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	20	0.33
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	20	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	8	0.33
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	8	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	19	0.33
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	19	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	20	0.33
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	20	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	6	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	6	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	12	0.33
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	12	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	14	0.33
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	14	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	16	0.33
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	16	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	12	0.33
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	12	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	3	0.33
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	3	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	12	0.33
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	12	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	7	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	7	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	11	0.33
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	11	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	12	0.33
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	12	0.33
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	6	0.32
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	6	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	9	0.32
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	9	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	20	0.32
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	20	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	2	0.32
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	2	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	6	0.32
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	6	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	19	0.32
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	19	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	5	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	5	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	20	0.32
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	20	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	12	0.32
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	12	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	16	0.32
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	12	0.32
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	12	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG21	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG22	1:143:A:PRO:HG3	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG2	9	0.32
(1,946)	1:67:A:VAL:HG23	1:143:A:PRO:HG3	9	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	16	0.32
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	16	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	8	0.32
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	8	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	3	0.32
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	3	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	8	0.32
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	8	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	9	0.32
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	9	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	13	0.32
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	13	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	16	0.32
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	16	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	2	0.32
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	2	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	17	0.32
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	17	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	20	0.32
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	20	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	5	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	18	0.32
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	18	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	5	0.32
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	5	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	7	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	7	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG21	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG22	1:29:A:ILE:HD13	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD11	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD12	11	0.32
(1,435)	1:29:A:ILE:HG23	1:29:A:ILE:HD13	11	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	5	0.32
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	5	0.32
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	11	0.32
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	11	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	18	0.32
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	18	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	1	0.32
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	1	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	13	0.32
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	13	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	9	0.32
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	9	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	15	0.32
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	15	0.32
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	15	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	15	0.32
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	5	0.31
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	5	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	14	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	14	0.31
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	14	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	12	0.31
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	12	0.31
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	5	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	5	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	12	0.31
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	12	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	13	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	13	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	19	0.31
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	19	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	13	0.31
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	13	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	15	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	15	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	17	0.31
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	17	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	7	0.31
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	7	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	10	0.31
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	10	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	12	0.31
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	12	0.31
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	12	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	5	0.31
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	5	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG11	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG12	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG13	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG11	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG12	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG13	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG11	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG12	2	0.31
(1,1154)	1:86:A:ASN:HB2	1:115:A:VAL:HG13	2	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	14	0.31
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	14	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	6	0.31
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	6	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	2	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	4	0.31
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	4	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	19	0.31
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	19	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	12	0.31
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	12	0.31
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	13	0.31
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	13	0.31
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	13	0.31
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	13	0.31
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	15	0.31
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	15	0.31
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	15	0.31
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	15	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	16	0.31
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	16	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	17	0.31
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	17	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	4	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	4	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	9	0.31
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	9	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	17	0.31
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	17	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	15	0.31
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	15	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	17	0.31
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	17	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	19	0.31
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	19	0.31
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	19	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	8	0.31
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	8	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	19	0.31
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	19	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	5	0.31
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	5	0.31
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	6	0.31
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	6	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	19	0.31
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	19	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	16	0.31
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	16	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	1	0.31
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	1	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG2	1:28:A:VAL:HG13	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG11	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG12	10	0.31
(1,237)	1:16:A:MET:HG3	1:28:A:VAL:HG13	10	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	14	0.31
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	14	0.31
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	14	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	14	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	10	0.31
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	10	0.31
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD21	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD22	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD23	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD21	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD22	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD23	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD21	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD22	10	0.3
(1,1899)	1:148:A:LEU:H	1:148:A:LEU:HD23	10	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	5	0.3
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	5	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	10	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	19	0.3
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	19	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	12	0.3
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	12	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	9	0.3
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	9	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	3	0.3
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	3	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	8	0.3
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	8	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	19	0.3
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	19	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	14	0.3
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	14	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	16	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	16	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	17	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	17	0.3
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	17	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	8	0.3
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	8	0.3
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	8	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	14	0.3
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	14	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	9	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	9	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	11	0.3
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	11	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	19	0.3
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	19	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	11	0.3
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	11	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB2	1:88:A:ARG:HG3	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG2	18	0.3
(1,1120)	1:84:A:PHE:HB3	1:88:A:ARG:HG3	18	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	13	0.3
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	13	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	4	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	4	0.3
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	4	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	19	0.3
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	19	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	11	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	11	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	14	0.3
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	14	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	8	0.3
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	8	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	10	0.3
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	10	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	6	0.3
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	6	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	6	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	8	0.3
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	8	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	11	0.3
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	11	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	16	0.3
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	16	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG21	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG22	1:45:A:TYR:HE2	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE1	3	0.3
(1,618)	1:42:A:THR:HG23	1:45:A:TYR:HE2	3	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	5	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	5	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	7	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	7	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	11	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	11	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	13	0.3
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	13	0.3
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	13	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	10	0.3
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	10	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	19	0.3
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	19	0.3
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	19	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	19	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	16	0.3
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	16	0.3
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	3	0.3
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	6	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	6	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	15	0.3
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	15	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	4	0.3
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	4	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	7	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	7	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	8	0.3
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	8	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	19	0.3
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	19	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	6	0.3
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	6	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG2	1:144:A:TYR:HE2	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE1	19	0.3
(1,149)	1:13:A:LYS:HG3	1:144:A:TYR:HE2	19	0.3
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	16	0.29
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	16	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	13	0.29
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	13	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	11	0.29
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	11	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	4	0.29
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	4	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	4	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	15	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	15	0.29
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	15	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	5	0.29
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	5	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	14	0.29
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	14	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	8	0.29
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	8	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	1	0.29
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	16	0.29
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	16	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	16	0.29
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	16	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	19	0.29
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	11	0.29
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	11	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	5	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	5	0.29
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	5	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	6	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	18	0.29
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	18	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	19	0.29
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	19	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	17	0.29
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	17	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD21	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD22	1:55:A:GLN:HE22	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE21	4	0.29
(1,734)	1:52:A:LEU:HD23	1:55:A:GLN:HE22	4	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	9	0.29
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	9	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	17	0.29
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	17	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	12	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	12	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	14	0.29
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	14	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	2	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	2	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	13	0.29
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	13	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG21	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG22	1:53:A:GLU:HG2	15	0.29
(1,443)	1:29:A:ILE:HG23	1:53:A:GLU:HG2	15	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	2	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	17	0.29
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	17	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	13	0.29
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	13	0.29
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	15	0.29
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	15	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	1	0.29
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	1	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	15	0.29
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	15	0.29
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	15	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	15	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	14	0.29
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	14	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	6	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	6	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	10	0.29
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	10	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	3	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	4	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	9	0.29
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	9	0.29
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	9	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	9	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	12	0.28
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	12	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	7	0.28
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	6	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	7	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	8	0.28
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	8	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	7	0.28
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	7	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	9	0.28
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	9	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	15	0.28
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	15	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	20	0.28
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	20	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	9	0.28
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	9	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	6	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	9	0.28
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	9	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	14	0.28
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	14	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	4	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	4	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	16	0.28
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	16	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	1	0.28
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	1	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	5	0.28
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	5	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	6	0.28
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	6	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG22	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,558)	1:37:A:PHE:HD1	1:41:A:ILE:HG23	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG21	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG22	20	0.28
(1,558)	1:37:A:PHE:HD2	1:41:A:ILE:HG23	20	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	1	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	1	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	1	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	1	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG21	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG22	1:36:A:ILE:HD13	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD11	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD12	10	0.28
(1,531)	1:36:A:ILE:HG23	1:36:A:ILE:HD13	10	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	7	0.28
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	7	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	6	0.28
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	6	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	11	0.28
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	11	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	9	0.28
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	9	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	20	0.28
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	20	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	15	0.28
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	15	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	17	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	17	0.28
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	17	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	20	0.28
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	20	0.28
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	20	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	16	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	16	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	19	0.28
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	19	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	5	0.28
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	5	0.28
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	10	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	10	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	18	0.27
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	18	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	14	0.27
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	14	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	5	0.27
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	5	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	5	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	18	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	18	0.27
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	18	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	8	0.27
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	8	0.27
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	8	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	14	0.27
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	14	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	19	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	19	0.27
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	19	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	16	0.27
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	16	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	6	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	12	0.27
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	12	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG11	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG12	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG13	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG11	7	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG12	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG13	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG11	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG12	7	0.27
(1,896)	1:64:A:LYS:HE3	1:128:A:VAL:HG13	7	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB2	1:139:A:GLU:HB3	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB2	13	0.27
(1,860)	1:62:A:SER:HB3	1:139:A:GLU:HB3	13	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	10	0.27
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	10	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	6	0.27
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	6	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	1	0.27
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	1	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	11	0.27
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	11	0.27
(1,574)	1:39:A:ARG:HG2	1:40:A:ASP:H	13	0.27
(1,574)	1:39:A:ARG:HG3	1:40:A:ASP:H	13	0.27
(1,574)	1:39:A:ARG:HG2	1:40:A:ASP:H	13	0.27
(1,574)	1:39:A:ARG:HG3	1:40:A:ASP:H	13	0.27
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	5	0.27
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	5	0.27
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	5	0.27
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	5	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	7	0.27
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	7	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	11	0.27
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	11	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	19	0.27
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	19	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	15	0.27
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	15	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB1	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB2	1:142:A:VAL:HG23	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG21	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG22	8	0.27
(1,467)	1:31:A:ALA:HB3	1:142:A:VAL:HG23	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB1	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB2	1:142:A:VAL:HG13	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG11	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG12	8	0.27
(1,466)	1:31:A:ALA:HB3	1:142:A:VAL:HG13	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	8	0.27
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	8	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	9	0.27
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	9	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	13	0.27
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	13	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	19	0.27
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	19	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	8	0.27
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	8	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	7	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	7	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	13	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	13	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	20	0.27
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	20	0.27
(1,134)	1:12:A:GLN:HG2	1:13:A:LYS:H	10	0.27
(1,134)	1:12:A:GLN:HG3	1:13:A:LYS:H	10	0.27
(1,134)	1:12:A:GLN:HG2	1:13:A:LYS:H	10	0.27
(1,134)	1:12:A:GLN:HG3	1:13:A:LYS:H	10	0.27
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	11	0.26
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	11	0.26
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	8	0.26
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	8	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	6	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	6	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	19	0.26
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	19	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	10	0.26
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	10	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	14	0.26
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	14	0.26
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	14	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	2	0.26
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	2	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	20	0.26
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	20	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	2	0.26
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	2	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	10	0.26
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	10	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	19	0.26
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	19	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	16	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	16	0.26
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	16	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB1	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD22	13	0.26
(1,1271)	1:93:A:ALA:HB2	1:123:A:LEU:HD23	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD21	13	0.26
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD22	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:93:A:ALA:HB3	1:123:A:LEU:HD23	13	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	10	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	10	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	12	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	12	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	14	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	14	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	16	0.26
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	16	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	6	0.26
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	6	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	12	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	12	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	17	0.26
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	17	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	1	0.26
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	1	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	20	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	20	0.26
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	20	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB2	1:128:A:VAL:HG13	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG11	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG12	17	0.26
(1,958)	1:68:A:ARG:HB3	1:128:A:VAL:HG13	17	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	7	0.26
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	7	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	9	0.26
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	9	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	6	0.26
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	6	0.26
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	7	0.26
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	7	0.26
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	7	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	7	0.26
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	9	0.26
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	9	0.26
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	9	0.26
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	9	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	10	0.26
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	10	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	8	0.26
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	8	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	12	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	12	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	20	0.26
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	20	0.26
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	8	0.26
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	8	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	5	0.26
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	5	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	9	0.26
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	9	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	10	0.26
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	10	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	16	0.26
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	16	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD1	1:70:A:LEU:HD23	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD21	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD22	2	0.26
(1,560)	1:37:A:PHE:HD2	1:70:A:LEU:HD23	2	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	10	0.26
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	10	0.26
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	10	0.26
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	10	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	19	0.26
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	19	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	7	0.26
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	7	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	19	0.26
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	19	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	2	0.26
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	2	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	5	0.26
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	5	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	13	0.26
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	13	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	3	0.26
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	3	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	17	0.26
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	17	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	5	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	5	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	14	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	14	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	18	0.26
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	18	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	12	0.26
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	12	0.26
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	9	0.25
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	9	0.25
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	11	0.25
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	11	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	20	0.25
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	20	0.25
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	20	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	19	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	19	0.25
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	19	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	6	0.25
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	6	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	2	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	2	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	11	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	11	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	18	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	18	0.25
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	18	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	14	0.25
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	14	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	9	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	9	0.25
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	9	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	6	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	6	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	11	0.25
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	11	0.25
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	11	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	11	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	19	0.25
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	19	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	6	0.25
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	6	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	18	0.25
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	18	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	17	0.25
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	17	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	20	0.25
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	20	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	20	0.25
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	20	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	2	0.25
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	2	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	3	0.25
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	3	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	4	0.25
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	4	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	13	0.25
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	13	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	17	0.25
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	17	0.25
(1,536)	1:36:A:ILE:HG21	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG22	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG23	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG21	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG22	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG23	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG21	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG22	1:67:A:VAL:HA	12	0.25
(1,536)	1:36:A:ILE:HG23	1:67:A:VAL:HA	12	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	9	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	9	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	17	0.25
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	17	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	8	0.25
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	8	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	13	0.25
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	13	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	2	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	2	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	3	0.25
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	3	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	6	0.25
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	6	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	18	0.25
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	18	0.25
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	16	0.24
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	16	0.24
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	16	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	11	0.24
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	11	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	17	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	17	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	18	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	18	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	19	0.24
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	19	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	10	0.24
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	10	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	1	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	9	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	11	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	19	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	20	0.24
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	20	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	9	0.24
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	9	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	2	0.24
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	2	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB2	1:123:A:LEU:HD13	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD11	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD12	6	0.24
(1,1521)	1:111:A:TYR:HB3	1:123:A:LEU:HD13	6	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA2	1:145:A:LEU:HD23	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD21	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD22	2	0.24
(1,1390)	1:99:A:GLY:HA3	1:145:A:LEU:HD23	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	2	0.24
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	2	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	10	0.24
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	10	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	3	0.24
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	3	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG2	1:145:A:LEU:HD23	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD21	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD22	8	0.24
(1,1316)	1:95:A:ARG:HG3	1:145:A:LEU:HD23	8	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	5	0.24
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG2	1:102:A:PRO:HG3	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG2	5	0.24
(1,1243)	1:91:A:GLU:HG3	1:102:A:PRO:HG3	5	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	15	0.24
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	1	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	1	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	7	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	7	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	15	0.24
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	15	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	14	0.24
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	14	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD1	1:92:A:LEU:HD13	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD11	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD12	13	0.24
(1,1085)	1:80:A:PHE:HD2	1:92:A:LEU:HD13	13	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	20	0.24
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	20	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG2	1:128:A:VAL:HG13	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG11	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG12	17	0.24
(1,901)	1:64:A:LYS:HG3	1:128:A:VAL:HG13	17	0.24
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	8	0.24
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	8	0.24
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	8	0.24
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	8	0.24
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	8	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	2	0.24
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	2	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	9	0.24
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	9	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	1	0.24
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	1	0.24
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	5	0.24
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	5	0.24
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	5	0.24
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	5	0.24
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	7	0.24
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	7	0.24
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	7	0.24
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	7	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE1	1:75:A:LEU:HD13	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD11	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD12	19	0.24
(1,642)	1:45:A:TYR:HE2	1:75:A:LEU:HD13	19	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	4	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	4	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	6	0.24
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	6	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	5	0.24
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	5	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	1	0.24
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	1	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	5	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	5	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	20	0.24
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	20	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	10	0.24
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	10	0.24
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	5	0.24
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	5	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG11	1:63:A:MET:HE3	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG12	1:63:A:MET:HE3	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE1	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE2	17	0.24
(1,409)	1:28:A:VAL:HG13	1:63:A:MET:HE3	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	17	0.24
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	17	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	1	0.24
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	1	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	19	0.24
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	19	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	12	0.24
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	12	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	13	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	13	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	20	0.24
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	20	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	7	0.24
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	7	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	11	0.24
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	11	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	7	0.24
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	7	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	2	0.24
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	2	0.24
(1,163)	1:14:A:TYR:HB2	1:142:A:VAL:HB	10	0.24
(1,163)	1:14:A:TYR:HB3	1:142:A:VAL:HB	10	0.24
(1,163)	1:14:A:TYR:HB2	1:142:A:VAL:HB	10	0.24
(1,163)	1:14:A:TYR:HB3	1:142:A:VAL:HB	10	0.24
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	19	0.23
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	19	0.23
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	19	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	18	0.23
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	18	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	6	0.23
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	6	0.23
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	17	0.23
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	17	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	8	0.23
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	8	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	10	0.23
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	10	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	6	0.23
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	6	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	20	0.23
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	20	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	17	0.23
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	17	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	1	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	1	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	15	0.23
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	15	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	6	0.23
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	6	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB1	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB2	1:120:A:LEU:HD13	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD11	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD12	14	0.23
(1,1269)	1:93:A:ALA:HB3	1:120:A:LEU:HD13	14	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	18	0.23
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	18	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	2	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	2	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	4	0.23
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	2	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	2	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	4	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	4	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	5	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	5	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	9	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	9	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	12	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	12	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	17	0.23
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	17	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	13	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	13	0.23
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	13	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	7	0.23
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	7	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	4	0.23
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	4	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	5	0.23
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	5	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	10	0.23
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	10	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	5	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	5	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	11	0.23
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	7	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	7	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	11	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	11	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	15	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	15	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	17	0.23
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	17	0.23
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	19	0.23
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	19	0.23
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	19	0.23
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	19	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	10	0.23
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	10	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	1	0.23
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	1	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	3	0.23
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	3	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	7	0.23
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	7	0.23
(1,637)	1:45:A:TYR:HB2	1:46:A:SER:H	1	0.23
(1,637)	1:45:A:TYR:HB3	1:46:A:SER:H	1	0.23
(1,637)	1:45:A:TYR:HB2	1:46:A:SER:H	1	0.23
(1,637)	1:45:A:TYR:HB3	1:46:A:SER:H	1	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	20	0.23
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	20	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	3	0.23
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	3	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	6	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	6	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	16	0.23
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	16	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	20	0.23
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	20	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	3	0.23
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	3	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	7	0.23
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	7	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	11	0.23
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	11	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	16	0.23
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	16	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	7	0.23
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	7	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	1	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	1	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	11	0.23
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	11	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE1	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE2	1:20:A:LEU:HD13	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD11	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD12	14	0.23
(1,219)	1:16:A:MET:HE3	1:20:A:LEU:HD13	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	8	0.23
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	8	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	12	0.23
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	12	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	16	0.23
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	16	0.23
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	4	0.22
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	4	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	1	0.22
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	1	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	6	0.22
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	6	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	10	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	10	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	17	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	17	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	18	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	18	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	18	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	19	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	19	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	20	0.22
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	20	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	2	0.22
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	14	0.22
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	14	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	2	0.22
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	2	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	7	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	7	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	19	0.22
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	19	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	7	0.22
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	7	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	10	0.22
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	10	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	10	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	13	0.22
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	13	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	15	0.22
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	15	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	9	0.22
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	9	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	9	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	10	0.22
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	10	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	20	0.22
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	8	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	8	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	11	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	11	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD11	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD12	1:94:A:PHE:HE2	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE1	17	0.22
(1,1192)	1:90:A:LEU:HD13	1:94:A:PHE:HE2	17	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	10	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	10	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	11	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	11	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	16	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	16	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	20	0.22
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1159)	1:87:A:SER:HA	1:112:A:PHE:HE1	2	0.22
(1,1159)	1:87:A:SER:HA	1:112:A:PHE:HE2	2	0.22
(1,1159)	1:87:A:SER:HA	1:112:A:PHE:HE1	2	0.22
(1,1159)	1:87:A:SER:HA	1:112:A:PHE:HE2	2	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	8	0.22
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	8	0.22
(1,1124)	1:84:A:PHE:HB3	1:88:A:ARG:HB2	3	0.22
(1,1124)	1:84:A:PHE:HB3	1:88:A:ARG:HB3	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1124)	1:84:A:PHE:HB3	1:88:A:ARG:HB2	3	0.22
(1,1124)	1:84:A:PHE:HB3	1:88:A:ARG:HB3	3	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	2	0.22
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	2	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	10	0.22
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	10	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	20	0.22
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	20	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	2	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	2	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	13	0.22
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	13	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	10	0.22
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	10	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	7	0.22
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	7	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	2	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	2	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	6	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	6	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	9	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	9	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	10	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	10	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	13	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	13	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	14	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	14	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	16	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	16	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	18	0.22
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	18	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	11	0.22
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	11	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG11	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG12	13	0.22
(1,897)	1:64:A:LYS:HE2	1:128:A:VAL:HG13	13	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	5	0.22
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	5	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	4	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	4	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE1	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE2	1:66:A:PHE:HD2	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD1	14	0.22
(1,871)	1:63:A:MET:HE3	1:66:A:PHE:HD2	14	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	13	0.22
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	13	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	3	0.22
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	3	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	7	0.22
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	7	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	1	0.22
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	1	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	6	0.22
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	6	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	2	0.22
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	2	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	16	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	16	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	17	0.22
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	17	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	9	0.22
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	9	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	16	0.22
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	16	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	4	0.22
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	4	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	13	0.22
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	13	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG21	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG22	1:56:A:VAL:HG13	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG11	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG12	5	0.22
(1,444)	1:29:A:ILE:HG23	1:56:A:VAL:HG13	5	0.22
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	13	0.22
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	13	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	9	0.22
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	9	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	12	0.22
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	12	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	10	0.22
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	10	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	14	0.22
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	14	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB2	1:25:A:LYS:HE3	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE2	13	0.22
(1,278)	1:20:A:LEU:HB3	1:25:A:LYS:HE3	13	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	6	0.22
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	6	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	9	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	9	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	16	0.22
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	16	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	2	0.22
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	2	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	13	0.22
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	13	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	3	0.22
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	3	0.22
(1,1905)	1:149:A:GLU:H	1:149:A:GLU:HG3	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	3	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	3	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	12	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	12	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	16	0.21
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	16	0.21
(1,1890)	1:148:A:LEU:HA	1:149:A:GLU:H	19	0.21
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	18	0.21
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	18	0.21
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	18	0.21
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	18	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	6	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	6	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	8	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	8	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	9	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	9	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	13	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	13	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	15	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	15	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	16	0.21
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	16	0.21
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	16	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	18	0.21
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	18	0.21
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	3	0.21
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	3	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	5	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	5	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	5	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	20	0.21
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	20	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	14	0.21
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	14	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	15	0.21
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	15	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	3	0.21
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	3	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	6	0.21
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	6	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG21	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG22	1:128:A:VAL:HG23	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG21	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG22	12	0.21
(1,1348)	1:97:A:ILE:HG23	1:128:A:VAL:HG23	12	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG21	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG22	1:97:A:ILE:HG13	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG12	7	0.21
(1,1339)	1:97:A:ILE:HG23	1:97:A:ILE:HG13	7	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	5	0.21
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	5	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	7	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	7	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	20	0.21
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	20	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	11	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	11	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	19	0.21
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	19	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	1	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	1	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	3	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	3	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	13	0.21
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	13	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	6	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	6	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	18	0.21
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	6	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	6	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	8	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	8	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	14	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	14	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	18	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	18	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	19	0.21
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	19	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	11	0.21
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	11	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	1	0.21
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	1	0.21
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	12	0.21
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	12	0.21
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	12	0.21
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	12	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD11	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB2	1:120:A:LEU:HD13	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD11	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD12	16	0.21
(1,1092)	1:81:A:PHE:HB3	1:120:A:LEU:HD13	16	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	11	0.21
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	11	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	1	0.21
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	1	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	15	0.21
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	1	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	1	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	3	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	3	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	4	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	4	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	6	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	6	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	8	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	8	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	9	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	12	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	12	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	15	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	15	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	16	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	16	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	19	0.21
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	1	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	1	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	3	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	3	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	4	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	8	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	8	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	19	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	19	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	20	0.21
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	20	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	8	0.21
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	8	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	7	0.21
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	7	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE1	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE2	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE3	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE1	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE2	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE3	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE1	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE2	17	0.21
(1,864)	1:63:A:MET:HA	1:63:A:MET:HE3	17	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	8	0.21
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	8	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	11	0.21
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	11	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	13	0.21
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	13	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	20	0.21
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	20	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	3	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	3	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	3	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	3	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	4	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	4	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	4	0.21
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	4	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	8	0.21
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	8	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG12	1:67:A:VAL:HG23	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG21	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG22	20	0.21
(1,529)	1:36:A:ILE:HG13	1:67:A:VAL:HG23	20	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD11	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD12	1:70:A:LEU:HD13	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD11	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD12	18	0.21
(1,525)	1:36:A:ILE:HD13	1:70:A:LEU:HD13	18	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	15	0.21
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	15	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	12	0.21
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	12	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	1	0.21
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	1	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	9	0.21
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	9	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	1	0.21
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	1	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	1	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	12	0.21
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	12	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	10	0.21
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	10	0.21
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	20	0.21
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	20	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	5	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	5	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	15	0.21
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	15	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD11	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD12	5	0.21
(1,379)	1:26:A:ASN:HA	1:29:A:ILE:HD13	5	0.21
(1,348)	1:23:A:LEU:H	1:23:A:LEU:HG	6	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	5	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	5	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	16	0.21
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	16	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD11	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD12	1:25:A:LYS:HE3	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE2	7	0.21
(1,287)	1:20:A:LEU:HD13	1:25:A:LYS:HE3	7	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	2	0.21
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	2	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	5	0.21
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	5	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	10	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	10	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	19	0.21
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	19	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	11	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	11	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	17	0.21
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	1	0.21
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	1	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	16	0.21
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	16	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	9	0.21
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	9	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	9	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	18	0.21
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	18	0.21
(1,1905)	1:149:A:GLU:H	1:149:A:GLU:HG3	6	0.2
(1,1890)	1:148:A:LEU:HA	1:149:A:GLU:H	13	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	8	0.2
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	8	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	14	0.2
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	1	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	1	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	2	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	2	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	4	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	4	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	5	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	5	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	7	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	7	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	11	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	11	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	12	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	12	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	14	0.2
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	14	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	10	0.2
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	10	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	11	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	11	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	17	0.2
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	17	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	1	0.2
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	1	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	15	0.2
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	15	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	18	0.2
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	18	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	17	0.2
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	17	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	14	0.2
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	14	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	7	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	7	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD11	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD12	1:127:A:LEU:HD13	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD11	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD12	13	0.2
(1,1336)	1:97:A:ILE:HD13	1:127:A:LEU:HD13	13	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	19	0.2
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	19	0.2
(1,1308)	1:95:A:ARG:HA	1:100:A:ARG:H	18	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	4	0.2
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	4	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	15	0.2
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	15	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	5	0.2
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	5	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	3	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	3	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD22	13	0.2
(1,1185)	1:90:A:LEU:HB2	1:90:A:LEU:HD23	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD21	13	0.2
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD22	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1185)	1:90:A:LEU:HB3	1:90:A:LEU:HD23	13	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	14	0.2
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	14	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG11	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG12	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG13	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG11	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG12	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG13	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG11	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG12	8	0.2
(1,1152)	1:86:A:ASN:HB3	1:115:A:VAL:HG13	8	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	7	0.2
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	7	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD11	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD12	1:87:A:SER:HB3	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB2	20	0.2
(1,1137)	1:85:A:ILE:HD13	1:87:A:SER:HB3	20	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	7	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	7	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	9	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	9	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB2	1:120:A:LEU:HD23	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD21	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD22	14	0.2
(1,1048)	1:77:A:ARG:HB3	1:120:A:LEU:HD23	14	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	7	0.2
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	7	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	5	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	5	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	10	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	10	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD21	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB2	1:75:A:LEU:HD23	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD21	14	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD22	14	0.2
(1,1026)	1:75:A:LEU:HB3	1:75:A:LEU:HD23	14	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	16	0.2
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	16	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	5	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	5	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB2	1:70:A:LEU:HD13	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD11	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD12	12	0.2
(1,975)	1:70:A:LEU:HB3	1:70:A:LEU:HD13	12	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	6	0.2
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	6	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	2	0.2
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	2	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	9	0.2
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	7	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	7	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	9	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	9	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	12	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	12	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	13	0.2
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	13	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	12	0.2
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	12	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	7	0.2
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	7	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG21	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG22	1:75:A:LEU:HD23	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD21	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD22	16	0.2
(1,605)	1:41:A:ILE:HG23	1:75:A:LEU:HD23	16	0.2
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	14	0.2
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	14	0.2
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	14	0.2
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	14	0.2
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	12	0.2
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	12	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG21	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG22	1:33:A:TYR:HD2	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD1	7	0.2
(1,440)	1:29:A:ILE:HG23	1:33:A:TYR:HD2	7	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	16	0.2
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	16	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	2	0.2
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	2	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	16	0.2
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	16	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	2	0.2
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	2	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	12	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	12	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	19	0.2
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	19	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	18	0.2
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	18	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	17	0.2
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	17	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	13	0.2
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	13	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB2	1:28:A:VAL:HG13	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG11	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG12	4	0.2
(1,161)	1:14:A:TYR:HB3	1:28:A:VAL:HG13	4	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	7	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	7	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	8	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	8	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	9	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	9	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	11	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	11	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	17	0.2
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	17	0.2
(1,128)	1:11:A:ARG:H	1:11:A:ARG:HG2	7	0.2
(1,128)	1:11:A:ARG:H	1:11:A:ARG:HG3	7	0.2
(1,128)	1:11:A:ARG:H	1:11:A:ARG:HG2	7	0.2
(1,128)	1:11:A:ARG:H	1:11:A:ARG:HG3	7	0.2
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB2	1:148:A:LEU:HD23	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD21	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD22	6	0.19
(1,1891)	1:148:A:LEU:HB3	1:148:A:LEU:HD23	6	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1890)	1:148:A:LEU:HA	1:149:A:GLU:H	5	0.19
(1,1890)	1:148:A:LEU:HA	1:149:A:GLU:H	6	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	4	0.19
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	4	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD11	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB2	1:127:A:LEU:HD13	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD11	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD12	3	0.19
(1,1725)	1:127:A:LEU:HB3	1:127:A:LEU:HD13	3	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	2	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	2	0.19
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	2	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	17	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	17	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	18	0.19
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	18	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	12	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	17	0.19
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	17	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	19	0.19
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	19	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	8	0.19
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	8	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	14	0.19
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	14	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	4	0.19
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	4	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	18	0.19
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	18	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	12	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	12	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	14	0.19
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	14	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD1	1:98:A:LEU:HD13	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD11	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD12	11	0.19
(1,1289)	1:94:A:PHE:HD2	1:98:A:LEU:HD13	11	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	4	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	4	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	17	0.19
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	17	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	13	0.19
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	13	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	8	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	15	0.19
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	15	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	16	0.19
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	16	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD21	1:115:A:VAL:HG13	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG11	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG12	2	0.19
(1,1155)	1:86:A:ASN:HD22	1:115:A:VAL:HG13	2	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	6	0.19
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	6	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG21	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG22	1:85:A:ILE:HG13	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG12	4	0.19
(1,1140)	1:85:A:ILE:HG23	1:85:A:ILE:HG13	4	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	3	0.19
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	3	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	9	0.19
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	9	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	18	0.19
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	18	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	9	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	9	0.19
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	9	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	16	0.19
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	16	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	3	0.19
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	3	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD1	1:75:A:LEU:HD23	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD21	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD22	14	0.19
(1,641)	1:45:A:TYR:HD2	1:75:A:LEU:HD23	14	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	20	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	20	0.19
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	20	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG12	1:49:A:ILE:HG23	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG21	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG22	10	0.19
(1,596)	1:41:A:ILE:HG13	1:49:A:ILE:HG23	10	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD11	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD12	1:49:A:ILE:HG23	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG21	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG22	17	0.19
(1,594)	1:41:A:ILE:HD13	1:49:A:ILE:HG23	17	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	8	0.19
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	8	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD11	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD12	1:67:A:VAL:HG13	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG11	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG12	9	0.19
(1,523)	1:36:A:ILE:HD13	1:67:A:VAL:HG13	9	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	3	0.19
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	3	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	18	0.19
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	18	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	1	0.19
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	1	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	2	0.19
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	2	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	14	0.19
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG2	1:20:A:LEU:HD13	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD11	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD12	14	0.19
(1,236)	1:16:A:MET:HG3	1:20:A:LEU:HD13	14	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	18	0.19
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	18	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	4	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	4	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	12	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	12	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	13	0.19
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	13	0.19
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	19	0.18
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	19	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	20	0.18
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	20	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	12	0.18
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	12	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	14	0.18
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	14	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	1	0.18
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	1	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	16	0.18
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	16	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	7	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	7	0.18
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	7	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	19	0.18
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	19	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	8	0.18
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	8	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	2	0.18
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	2	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG2	1:102:A:PRO:HD3	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD2	6	0.18
(1,1242)	1:91:A:GLU:HG3	1:102:A:PRO:HD3	6	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	8	0.18
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	7	0.18
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	7	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	3	0.18
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	3	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	9	0.18
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	9	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	16	0.18
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	16	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	4	0.18
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	4	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	17	0.18
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	17	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	4	0.18
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	4	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	3	0.18
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	3	0.18
(1,763)	1:55:A:GLN:HB2	1:55:A:GLN:HE21	3	0.18
(1,763)	1:55:A:GLN:HB3	1:55:A:GLN:HE21	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,763)	1:55:A:GLN:HB2	1:55:A:GLN:HE21	3	0.18
(1,763)	1:55:A:GLN:HB3	1:55:A:GLN:HE21	3	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	5	0.18
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	5	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	18	0.18
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	18	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	13	0.18
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	13	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	18	0.18
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	18	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	12	0.18
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	12	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	17	0.18
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	17	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	14	0.18
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	14	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	3	0.18
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	3	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	8	0.18
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	8	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD21	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD22	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD23	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD21	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD22	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD23	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD21	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD22	14	0.18
(1,265)	1:17:A:LYS:H	1:20:A:LEU:HD23	14	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	15	0.18
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	15	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE1	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE2	1:56:A:VAL:HG13	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG11	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG12	4	0.18
(1,228)	1:16:A:MET:HE3	1:56:A:VAL:HG13	4	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE1	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE2	1:29:A:ILE:HD13	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD11	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD12	3	0.18
(1,225)	1:16:A:MET:HE3	1:29:A:ILE:HD13	3	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	15	0.18
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	15	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	7	0.18
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	7	0.18
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	5	0.17
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	5	0.17
(1,1761)	1:130:A:SER:HB2	1:132:A:GLU:H	10	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	7	0.17
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	7	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	11	0.17
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	11	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	10	0.17
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	10	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	4	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	4	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	6	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	6	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	18	0.17
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	18	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	9	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	9	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB2	1:108:A:VAL:HG23	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG21	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG22	16	0.17
(1,1407)	1:102:A:PRO:HB3	1:108:A:VAL:HG23	16	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	7	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	7	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	12	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	12	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	15	0.17
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	15	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	7	0.17
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	7	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	5	0.17
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	5	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	19	0.17
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	19	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	10	0.17
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	10	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	7	0.17
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	7	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	11	0.17
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	11	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	16	0.17
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	16	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	9	0.17
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	9	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	17	0.17
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	17	0.17
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	10	0.17
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	10	0.17
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	10	0.17
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	10	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	8	0.17
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	8	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD21	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD22	1:69:A:ARG:HD3	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD2	11	0.17
(1,738)	1:52:A:LEU:HD23	1:69:A:ARG:HD3	11	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD21	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD22	1:61:A:ILE:HD13	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD11	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD12	20	0.17
(1,735)	1:52:A:LEU:HD23	1:61:A:ILE:HD13	20	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	3	0.17
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	3	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	9	0.17
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	9	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE1	1:70:A:LEU:HD23	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD21	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD22	16	0.17
(1,495)	1:33:A:TYR:HE2	1:70:A:LEU:HD23	16	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	17	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	17	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	18	0.17
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	18	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	1	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	1	0.17
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	1	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	8	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	8	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	14	0.17
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	14	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	9	0.17
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	9	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	8	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	8	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	12	0.17
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	12	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	14	0.17
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	14	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	6	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	6	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	15	0.17
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	15	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	11	0.17
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	11	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG12	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:29:A:ILE:HD11	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD12	1:56:A:VAL:HG13	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG11	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG12	15	0.17
(1,427)	1:29:A:ILE:HD13	1:56:A:VAL:HG13	15	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	1	0.17
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	1	0.17
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	1	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	1	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD11	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD12	1:24:A:GLU:HB3	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB2	18	0.17
(1,284)	1:20:A:LEU:HD13	1:24:A:GLU:HB3	18	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	9	0.17
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	9	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	20	0.17
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	20	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	14	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	14	0.17
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	14	0.17
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE1	1:146:A:ARG:HG3	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG2	2	0.16
(1,1862)	1:144:A:TYR:HE2	1:146:A:ARG:HG3	2	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	9	0.16
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	9	0.16
(1,1830)	1:139:A:GLU:H	1:139:A:GLU:HG2	17	0.16
(1,1830)	1:139:A:GLU:H	1:139:A:GLU:HG3	17	0.16
(1,1830)	1:139:A:GLU:H	1:139:A:GLU:HG2	17	0.16
(1,1830)	1:139:A:GLU:H	1:139:A:GLU:HG3	17	0.16
(1,1800)	1:133:A:TYR:H	1:133:A:TYR:HD1	16	0.16
(1,1800)	1:133:A:TYR:H	1:133:A:TYR:HD2	16	0.16
(1,1800)	1:133:A:TYR:H	1:133:A:TYR:HD1	16	0.16
(1,1800)	1:133:A:TYR:H	1:133:A:TYR:HD2	16	0.16
(1,1761)	1:130:A:SER:HB2	1:132:A:GLU:H	16	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	19	0.16
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	19	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	1	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	1	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	2	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	2	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	17	0.16
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	17	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	9	0.16
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	9	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	15	0.16
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	15	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD1	18	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG2	1:111:A:TYR:HD2	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD1	18	0.16
(1,1450)	1:107:A:GLU:HG3	1:111:A:TYR:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	18	0.16
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	18	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	9	0.16
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	9	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	10	0.16
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	10	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD11	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD12	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD13	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD11	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD12	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD13	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD11	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD12	2	0.16
(1,1361)	1:98:A:LEU:HA	1:98:A:LEU:HD13	2	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	10	0.16
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD1	1:127:A:LEU:HD23	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD21	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD22	10	0.16
(1,1294)	1:94:A:PHE:HD2	1:127:A:LEU:HD23	10	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	17	0.16
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	17	0.16
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	4	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	4	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	17	0.16
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	17	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB2	1:112:A:PHE:HE2	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE1	1	0.16
(1,1150)	1:86:A:ASN:HB3	1:112:A:PHE:HE2	1	0.16
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	9	0.16
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	9	0.16
(1,1139)	1:85:A:ILE:HG12	1:87:A:SER:H	9	0.16
(1,1139)	1:85:A:ILE:HG13	1:87:A:SER:H	9	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB2	1:120:A:LEU:HD23	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD21	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD22	14	0.16
(1,1093)	1:81:A:PHE:HB3	1:120:A:LEU:HD23	14	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	19	0.16
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	19	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	5	0.16
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	5	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	11	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	11	0.16
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	3	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	3	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	8	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	8	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	11	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	11	0.16
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	11	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	10	0.16
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	10	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	12	0.16
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	12	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	15	0.16
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	15	0.16
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	16	0.16
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	16	0.16
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE1	16	0.16
(1,719)	1:52:A:LEU:HB3	1:66:A:PHE:HE2	16	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	10	0.16
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD11	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD12	1	0.16
(1,651)	1:46:A:SER:H	1:49:A:ILE:HD13	1	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB2	1:49:A:ILE:HD13	18	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD11	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD12	18	0.16
(1,638)	1:45:A:TYR:HB3	1:49:A:ILE:HD13	18	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	20	0.16
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	20	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	13	0.16
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	13	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	10	0.16
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB2	1:30:A:LYS:HE3	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE2	2	0.16
(1,454)	1:30:A:LYS:HB3	1:30:A:LYS:HE3	2	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	17	0.16
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	17	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	16	0.16
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	16	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	10	0.16
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	10	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	15	0.16
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	15	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	1	0.16
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	1	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE1	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG12	15	0.16
(1,223)	1:16:A:MET:HE2	1:28:A:VAL:HG13	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG11	15	0.16
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG12	15	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:16:A:MET:HE3	1:28:A:VAL:HG13	15	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	11	0.16
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	11	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB2	1:28:A:VAL:HG13	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG11	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG12	16	0.16
(1,213)	1:16:A:MET:HB3	1:28:A:VAL:HG13	16	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB1	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB2	1:140:A:GLU:HB3	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB2	13	0.16
(1,197)	1:15:A:ALA:HB3	1:140:A:GLU:HB3	13	0.16
(1,120)	1:11:A:ARG:HA	1:11:A:ARG:HD2	9	0.16
(1,120)	1:11:A:ARG:HA	1:11:A:ARG:HD3	9	0.16
(1,120)	1:11:A:ARG:HA	1:11:A:ARG:HD2	9	0.16
(1,120)	1:11:A:ARG:HA	1:11:A:ARG:HD3	9	0.16
(1,1833)	1:140:A:GLU:HG2	1:141:A:THR:H	7	0.15
(1,1833)	1:140:A:GLU:HG3	1:141:A:THR:H	7	0.15
(1,1833)	1:140:A:GLU:HG2	1:141:A:THR:H	7	0.15
(1,1833)	1:140:A:GLU:HG3	1:141:A:THR:H	7	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	15	0.15
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	15	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	3	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	16	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	16	0.15
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	16	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	5	0.15
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	5	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	4	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	4	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	11	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	11	0.15
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	11	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	6	0.15
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	6	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	18	0.15
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	18	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	12	0.15
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	12	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	17	0.15
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	17	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	3	0.15
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	3	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	4	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	4	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	10	0.15
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	10	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB2	1:92:A:LEU:HD23	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD21	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD22	1	0.15
(1,1253)	1:92:A:LEU:HB3	1:92:A:LEU:HD23	1	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	18	0.15
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	18	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1161)	1:88:A:ARG:HA	1:88:A:ARG:HD2	9	0.15
(1,1161)	1:88:A:ARG:HA	1:88:A:ARG:HD3	9	0.15
(1,1161)	1:88:A:ARG:HA	1:88:A:ARG:HD2	9	0.15
(1,1161)	1:88:A:ARG:HA	1:88:A:ARG:HD3	9	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB1	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB2	7	0.15
(1,1091)	1:81:A:PHE:HA	1:89:A:ALA:HB3	7	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	13	0.15
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	13	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	3	0.15
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	3	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG11	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG12	1:143:A:PRO:HD3	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD2	20	0.15
(1,937)	1:67:A:VAL:HG13	1:143:A:PRO:HD3	20	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG11	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG12	1:128:A:VAL:HG23	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG21	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG22	2	0.15
(1,936)	1:67:A:VAL:HG13	1:128:A:VAL:HG23	2	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	9	0.15
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	9	0.15
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	9	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	16	0.15
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	16	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	9	0.15
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	9	0.15
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	19	0.15
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	19	0.15
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	19	0.15
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	19	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	6	0.15
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	6	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG21	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG22	1:67:A:VAL:HG13	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG11	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG12	10	0.15
(1,537)	1:36:A:ILE:HG23	1:67:A:VAL:HG13	10	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG12	1:70:A:LEU:HD13	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD11	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD12	19	0.15
(1,530)	1:36:A:ILE:HG13	1:70:A:LEU:HD13	19	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD11	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD12	1:67:A:VAL:HG23	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG21	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG22	10	0.15
(1,524)	1:36:A:ILE:HD13	1:67:A:VAL:HG23	10	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	9	0.15
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	9	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB1	1:142:A:VAL:HG13	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB2	1:142:A:VAL:HG13	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG11	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG12	6	0.15
(1,478)	1:32:A:ALA:HB3	1:142:A:VAL:HG13	6	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG21	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG22	1:66:A:PHE:HE2	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE1	1	0.15
(1,445)	1:29:A:ILE:HG23	1:66:A:PHE:HE2	1	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG12	1:56:A:VAL:HG13	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG11	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG12	3	0.15
(1,434)	1:29:A:ILE:HG13	1:56:A:VAL:HG13	3	0.15
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD11	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD12	1:53:A:GLU:HG3	7	0.15
(1,425)	1:29:A:ILE:HD13	1:53:A:GLU:HG3	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG2	1:56:A:VAL:HG23	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG21	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG22	5	0.15
(1,240)	1:16:A:MET:HG3	1:56:A:VAL:HG23	5	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	7	0.15
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	7	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	14	0.15
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	14	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE1	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE2	1:25:A:LYS:HD3	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD2	13	0.15
(1,221)	1:16:A:MET:HE3	1:25:A:LYS:HD3	13	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	3	0.15
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	3	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	8	0.15
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	8	0.15
(1,117)	1:10:A:LYS:HA	1:11:A:ARG:H	11	0.15
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	15	0.14
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	15	0.14
(1,1803)	1:134:A:ALA:HA	1:137:A:PHE:H	8	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	5	0.14
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	5	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	4	0.14
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	4	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	11	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	11	0.14
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	11	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	2	0.14
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	2	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	18	0.14
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	18	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	16	0.14
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	16	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD11	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD12	5	0.14
(1,1516)	1:111:A:TYR:HA	1:114:A:ILE:HD13	5	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	17	0.14
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	17	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	3	0.14
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	3	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	6	0.14
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	6	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	20	0.14
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	20	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD11	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD12	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD13	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD11	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD12	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD13	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD11	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD12	18	0.14
(1,1284)	1:94:A:PHE:HA	1:127:A:LEU:HD13	18	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	12	0.14
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	12	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	20	0.14
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	20	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD21	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD22	13	0.14
(1,1183)	1:90:A:LEU:HA	1:123:A:LEU:HD23	13	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	12	0.14
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD1	1:120:A:LEU:HD23	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD21	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD22	20	0.14
(1,1099)	1:81:A:PHE:HD2	1:120:A:LEU:HD23	20	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	3	0.14
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	3	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	14	0.14
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	14	0.14
(1,1061)	1:78:A:LYS:HA	1:82:A:GLU:H	11	0.14
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	6	0.14
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	6	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	5	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	5	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	15	0.14
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	15	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	2	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	8	0.14
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	8	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG11	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG12	1:128:A:VAL:HG13	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG11	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG12	14	0.14
(1,935)	1:67:A:VAL:HG13	1:128:A:VAL:HG13	14	0.14
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	14	0.14
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	14	0.14
(1,893)	1:64:A:LYS:HB2	1:139:A:GLU:HA	14	0.14
(1,893)	1:64:A:LYS:HB3	1:139:A:GLU:HA	14	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	16	0.14
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	16	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	12	0.14
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	12	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	16	0.14
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	16	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	7	0.14
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	7	0.14
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	13	0.14
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	13	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	16	0.14
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	16	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE1	1:75:A:LEU:HD23	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD21	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD22	1	0.14
(1,643)	1:45:A:TYR:HE2	1:75:A:LEU:HD23	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	1	0.14
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	1	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	4	0.14
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	4	0.14
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	8	0.14
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	8	0.14
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	8	0.14
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	8	0.14
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	19	0.14
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	19	0.14
(1,571)	1:39:A:ARG:HB2	1:40:A:ASP:H	19	0.14
(1,571)	1:39:A:ARG:HB3	1:40:A:ASP:H	19	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	7	0.14
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	7	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG21	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG22	1:70:A:LEU:HD13	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD11	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD12	12	0.14
(1,539)	1:36:A:ILE:HG23	1:70:A:LEU:HD13	12	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	15	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	15	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	20	0.14
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	20	0.14
(1,504)	1:34:A:ARG:HA	1:39:A:ARG:H	4	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	19	0.14
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	19	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	16	0.14
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	16	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	15	0.14
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	15	0.14
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD11	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD12	1:53:A:GLU:HG2	6	0.14
(1,426)	1:29:A:ILE:HD13	1:53:A:GLU:HG2	6	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	11	0.14
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	11	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	8	0.14
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	8	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	4	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	4	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	15	0.14
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	15	0.14
(1,222)	1:16:A:MET:HE1	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE2	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE3	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE1	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE2	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE3	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE1	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE2	1:28:A:VAL:HB	4	0.14
(1,222)	1:16:A:MET:HE3	1:28:A:VAL:HB	4	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	8	0.14
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	8	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB2	1:63:A:MET:HE3	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE1	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE2	6	0.14
(1,215)	1:16:A:MET:HB3	1:63:A:MET:HE3	6	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	11	0.14
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	11	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE1	1:27:A:ALA:HB3	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB1	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB2	6	0.14
(1,179)	1:14:A:TYR:HE2	1:27:A:ALA:HB3	6	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	15	0.14
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	15	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	6	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	6	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB2	1:142:A:VAL:HG23	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG21	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG22	11	0.14
(1,165)	1:14:A:TYR:HB3	1:142:A:VAL:HG23	11	0.14
(1,160)	1:14:A:TYR:HB2	1:28:A:VAL:HA	20	0.14
(1,160)	1:14:A:TYR:HB3	1:28:A:VAL:HA	20	0.14
(1,160)	1:14:A:TYR:HB2	1:28:A:VAL:HA	20	0.14
(1,160)	1:14:A:TYR:HB3	1:28:A:VAL:HA	20	0.14
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG11	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG12	1:143:A:PRO:HD3	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD2	14	0.13
(1,1850)	1:142:A:VAL:HG13	1:143:A:PRO:HD3	14	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	1	0.13
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	1	0.13
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	12	0.13
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	12	0.13
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB2	12	0.13
(1,1792)	1:133:A:TYR:HA	1:136:A:TYR:HB3	12	0.13
(1,1762)	1:130:A:SER:HG	1:133:A:TYR:H	6	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	2	0.13
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	2	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	1	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	4	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	10	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	14	0.13
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	14	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	10	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	10	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	15	0.13
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	15	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	9	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	15	0.13
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	15	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG21	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG22	1:126:A:ALA:HB3	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB1	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB2	1	0.13
(1,1593)	1:114:A:ILE:HG23	1:126:A:ALA:HB3	1	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	7	0.13
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	7	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE1	1:126:A:ALA:HB3	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB1	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB2	1	0.13
(1,1534)	1:111:A:TYR:HE2	1:126:A:ALA:HB3	1	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG2	1:114:A:ILE:HD13	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD11	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD12	10	0.13
(1,1505)	1:110:A:LYS:HG3	1:114:A:ILE:HD13	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	7	0.13
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	7	0.13
(1,1490)	1:109:A:GLN:H	1:109:A:GLN:HG2	6	0.13
(1,1489)	1:109:A:GLN:H	1:109:A:GLN:HG3	8	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	9	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	9	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	9	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	10	0.13
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	10	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	8	0.13
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	8	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD11	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD12	1:127:A:LEU:HB3	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB2	14	0.13
(1,1335)	1:97:A:ILE:HD13	1:127:A:LEU:HB3	14	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB2	1:101:A:GLY:HA3	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA2	13	0.13
(1,1288)	1:94:A:PHE:HB3	1:101:A:GLY:HA3	13	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	1	0.13
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	1	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	2	0.13
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	2	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD11	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD12	19	0.13
(1,1172)	1:89:A:ALA:HA	1:92:A:LEU:HD13	19	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB2	1:83:A:PRO:HD3	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD2	3	0.13
(1,1106)	1:82:A:GLU:HB3	1:83:A:PRO:HD3	3	0.13
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	5	0.13
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	5	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	19	0.13
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	19	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG21	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG22	8	0.13
(1,949)	1:67:A:VAL:H	1:67:A:VAL:HG23	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	8	0.13
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	8	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	4	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	4	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	5	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	5	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	7	0.13
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	7	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE1	1:142:A:VAL:HG23	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE2	1:142:A:VAL:HG23	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG21	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG22	19	0.13
(1,875)	1:63:A:MET:HE3	1:142:A:VAL:HG23	19	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD11	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD12	1:69:A:ARG:HD3	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD2	4	0.13
(1,852)	1:61:A:ILE:HD13	1:69:A:ARG:HD3	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG21	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG22	1:63:A:MET:HE3	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE1	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE2	15	0.13
(1,802)	1:56:A:VAL:HG23	1:63:A:MET:HE3	15	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	1	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	1	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	7	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	7	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB2	1:61:A:ILE:HG23	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG21	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG22	11	0.13
(1,768)	1:55:A:GLN:HB3	1:61:A:ILE:HG23	11	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	10	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	10	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD11	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD12	1:70:A:LEU:HD23	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD21	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD22	19	0.13
(1,732)	1:52:A:LEU:HD13	1:70:A:LEU:HD23	19	0.13
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	9	0.13
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	9	0.13
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	9	0.13
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	9	0.13
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	9	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD11	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD12	1:45:A:TYR:HB3	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB2	7	0.13
(1,590)	1:41:A:ILE:HD13	1:45:A:TYR:HB3	7	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	4	0.13
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	4	0.13
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	8	0.13
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	8	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD11	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD12	1:57:A:ARG:HB3	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB2	3	0.13
(1,429)	1:29:A:ILE:HD13	1:57:A:ARG:HB3	3	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE1	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE2	1	0.13
(1,422)	1:29:A:ILE:HA	1:63:A:MET:HE3	1	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD11	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD12	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD13	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD11	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD12	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD13	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD11	14	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD12	14	0.13
(1,417)	1:29:A:ILE:HA	1:29:A:ILE:HD13	14	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	8	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	16	0.13
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	16	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD2	1:20:A:LEU:HD23	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD21	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD22	3	0.13
(1,255)	1:17:A:LYS:HD3	1:20:A:LEU:HD23	3	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	5	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	5	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	19	0.13
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	19	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE1	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE2	1:63:A:MET:HE3	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE1	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE2	9	0.13
(1,233)	1:16:A:MET:HE3	1:63:A:MET:HE3	9	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE1	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE2	1:56:A:VAL:HG23	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG21	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG22	4	0.13
(1,229)	1:16:A:MET:HE3	1:56:A:VAL:HG23	4	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	11	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	11	0.13
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	11	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD11	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD12	2	0.13
(1,210)	1:16:A:MET:HA	1:20:A:LEU:HD13	2	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG21	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG22	18	0.13
(1,167)	1:14:A:TYR:HB3	1:28:A:VAL:HG23	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	2	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	2	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	5	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	5	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	6	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	6	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	10	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	10	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	14	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	14	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	18	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	18	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	19	0.13
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	19	0.13
(1,130)	1:12:A:GLN:HA	1:13:A:LYS:H	20	0.13
(1,55)	1:72:A:LYS:H	1:68:A:ARG:O	1	0.13
(1,25)	1:45:A:TYR:H	1:42:A:THR:O	14	0.13
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	8	0.12
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	8	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	15	0.12
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	15	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG21	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG22	16	0.12
(1,1749)	1:128:A:VAL:H	1:128:A:VAL:HG23	16	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	3	0.12
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	3	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG21	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG22	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG23	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG21	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG22	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG23	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG21	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG22	4	0.12
(1,1706)	1:125:A:ASP:HA	1:128:A:VAL:HG23	4	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD11	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD12	1:127:A:LEU:HD13	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD11	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD12	15	0.12
(1,1672)	1:123:A:LEU:HD13	1:127:A:LEU:HD13	15	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA2	1:122:A:ALA:HB3	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB1	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB2	11	0.12
(1,1630)	1:118:A:GLY:HA3	1:122:A:ALA:HB3	11	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	4	0.12
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG21	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG22	1:122:A:ALA:HB3	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB1	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB2	4	0.12
(1,1588)	1:114:A:ILE:HG23	1:122:A:ALA:HB3	4	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD11	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD12	1:126:A:ALA:HB3	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB1	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB2	9	0.12
(1,1577)	1:114:A:ILE:HD13	1:126:A:ALA:HB3	9	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	5	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG11	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG12	13	0.12
(1,1547)	1:112:A:PHE:HA	1:115:A:VAL:HG13	13	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	1	0.12
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	1	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	12	0.12
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	12	0.12
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	12	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB2	1:110:A:LYS:HD3	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD2	16	0.12
(1,1494)	1:110:A:LYS:HB3	1:110:A:LYS:HD3	16	0.12
(1,1482)	1:109:A:GLN:HB2	1:109:A:GLN:HE21	3	0.12
(1,1482)	1:109:A:GLN:HB3	1:109:A:GLN:HE21	3	0.12
(1,1482)	1:109:A:GLN:HB2	1:109:A:GLN:HE21	3	0.12
(1,1482)	1:109:A:GLN:HB3	1:109:A:GLN:HE21	3	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	12	0.12
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	12	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	5	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	5	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	8	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	8	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	13	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	13	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	19	0.12
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	3	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	3	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD21	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD22	1:133:A:TYR:HD2	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD1	19	0.12
(1,1382)	1:98:A:LEU:HD23	1:133:A:TYR:HD2	19	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	15	0.12
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	15	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG21	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG22	1:133:A:TYR:HD2	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD1	19	0.12
(1,1352)	1:97:A:ILE:HG23	1:133:A:TYR:HD2	19	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	2	0.12
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	2	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	18	0.12
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	18	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	3	0.12
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	3	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB2	1:115:A:VAL:HG13	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG11	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG12	12	0.12
(1,1187)	1:90:A:LEU:HB3	1:115:A:VAL:HG13	12	0.12
(1,1147)	1:86:A:ASN:HA	1:86:A:ASN:HD22	15	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	19	0.12
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	19	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD21	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD22	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD23	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD21	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD22	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD23	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD21	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD22	20	0.12
(1,1038)	1:75:A:LEU:H	1:75:A:LEU:HD23	20	0.12
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	9	0.12
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	9	0.12
(1,1002)	1:72:A:LYS:HG2	1:121:A:PRO:HA	15	0.12
(1,1002)	1:72:A:LYS:HG3	1:121:A:PRO:HA	15	0.12
(1,1002)	1:72:A:LYS:HG2	1:121:A:PRO:HA	15	0.12
(1,1002)	1:72:A:LYS:HG3	1:121:A:PRO:HA	15	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	16	0.12
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	16	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	7	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	7	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB1	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB2	1:97:A:ILE:HD13	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD11	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD12	14	0.12
(1,986)	1:71:A:ALA:HB3	1:97:A:ILE:HD13	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	14	0.12
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	14	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG21	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG22	11	0.12
(1,955)	1:68:A:ARG:HA	1:128:A:VAL:HG23	11	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG11	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG12	5	0.12
(1,952)	1:68:A:ARG:HA	1:124:A:VAL:HG13	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	4	0.12
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	4	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG11	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG12	1:143:A:PRO:HG3	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG2	14	0.12
(1,938)	1:67:A:VAL:HG13	1:143:A:PRO:HG3	14	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD11	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD12	1:66:A:PHE:HD2	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD1	6	0.12
(1,850)	1:61:A:ILE:HD13	1:66:A:PHE:HD2	6	0.12
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG21	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG22	1:63:A:MET:HA	18	0.12
(1,801)	1:56:A:VAL:HG23	1:63:A:MET:HA	18	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB2	1:60:A:ASP:HB3	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB2	4	0.12
(1,765)	1:55:A:GLN:HB3	1:60:A:ASP:HB3	4	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD21	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG2	6	0.12
(1,739)	1:52:A:LEU:HD22	1:69:A:ARG:HG3	6	0.12
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,739)	1:52:A:LEU:HD23	1:69:A:ARG:HG3	6	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	12	0.12
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	12	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	5	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	5	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	8	0.12
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB2	1:43:A:LYS:HE3	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE2	8	0.12
(1,622)	1:43:A:LYS:HB3	1:43:A:LYS:HE3	8	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	10	0.12
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	10	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	15	0.12
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	15	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB2	1:41:A:ILE:HG23	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG21	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG22	14	0.12
(1,554)	1:37:A:PHE:HB3	1:41:A:ILE:HG23	14	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG21	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG22	1:71:A:ALA:HB3	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB1	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB2	5	0.12
(1,542)	1:36:A:ILE:HG23	1:71:A:ALA:HB3	5	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	13	0.12
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD11	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD12	1:143:A:PRO:HD3	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD2	13	0.12
(1,528)	1:36:A:ILE:HD13	1:143:A:PRO:HD3	13	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	2	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	5	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	9	0.12
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	9	0.12
(1,504)	1:34:A:ARG:HA	1:39:A:ARG:H	7	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	8	0.12
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	8	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	7	0.12
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	7	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG11	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG12	18	0.12
(1,471)	1:32:A:ALA:HA	1:142:A:VAL:HG13	18	0.12
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	16	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG21	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG22	1:53:A:GLU:HG3	16	0.12
(1,442)	1:29:A:ILE:HG23	1:53:A:GLU:HG3	16	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG21	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG22	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG23	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG21	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG22	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG23	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG21	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG22	4	0.12
(1,416)	1:28:A:VAL:H	1:28:A:VAL:HG23	4	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	12	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	12	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG11	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG12	1:142:A:VAL:HG23	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG21	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG22	19	0.12
(1,410)	1:28:A:VAL:HG13	1:142:A:VAL:HG23	19	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD21	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB2	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:20:A:LEU:HD22	1:24:A:GLU:HB3	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB2	13	0.12
(1,290)	1:20:A:LEU:HD23	1:24:A:GLU:HB3	13	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	1	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	5	0.12
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	5	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	19	0.12
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	19	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	10	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	10	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG2	1:16:A:MET:HE3	12	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE1	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE2	12	0.12
(1,234)	1:16:A:MET:HG3	1:16:A:MET:HE3	12	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD1	1:31:A:ALA:HB3	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB1	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB2	9	0.12
(1,175)	1:14:A:TYR:HD2	1:31:A:ALA:HB3	9	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	1	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	1	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	1	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	3	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	3	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	15	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	15	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	16	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	16	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB2	1:12:A:GLN:HG3	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG2	20	0.12
(1,132)	1:12:A:GLN:HB3	1:12:A:GLN:HG3	20	0.12
(1,115)	1:136:A:TYR:H	1:132:A:GLU:O	20	0.12
(1,59)	1:77:A:ARG:H	1:73:A:SER:O	1	0.12
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB2	1:145:A:LEU:HD23	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD21	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD22	20	0.11
(1,1867)	1:145:A:LEU:HB3	1:145:A:LEU:HD23	20	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD11	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD12	12	0.11
(1,1865)	1:145:A:LEU:HA	1:145:A:LEU:HD13	12	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	13	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG21	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG22	13	0.11
(1,1853)	1:142:A:VAL:H	1:142:A:VAL:HG23	13	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG21	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE1	6	0.11
(1,1842)	1:141:A:THR:HG22	1:144:A:TYR:HE2	6	0.11
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE1	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:141:A:THR:HG23	1:144:A:TYR:HE2	6	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB1	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB2	19	0.11
(1,1770)	1:131:A:GLN:HA	1:134:A:ALA:HB3	19	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	5	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	6	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	17	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	17	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	17	0.11
(1,1640)	1:120:A:LEU:HB2	1:121:A:PRO:HD3	13	0.11
(1,1640)	1:120:A:LEU:HB3	1:121:A:PRO:HD3	13	0.11
(1,1640)	1:120:A:LEU:HB2	1:121:A:PRO:HD3	13	0.11
(1,1640)	1:120:A:LEU:HB3	1:121:A:PRO:HD3	13	0.11
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG21	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG22	1:120:A:LEU:HA	7	0.11
(1,1614)	1:115:A:VAL:HG23	1:120:A:LEU:HA	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD21	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD22	7	0.11
(1,1607)	1:115:A:VAL:HB	1:123:A:LEU:HD23	7	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE2	1:114:A:ILE:HD13	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD11	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD12	10	0.11
(1,1503)	1:110:A:LYS:HE3	1:114:A:ILE:HD13	10	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD2	1:114:A:ILE:HD13	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD11	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD12	20	0.11
(1,1502)	1:110:A:LYS:HD3	1:114:A:ILE:HD13	20	0.11
(1,1489)	1:109:A:GLN:H	1:109:A:GLN:HG3	3	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	1	0.11
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	1	0.11
(1,1394)	1:100:A:ARG:HB2	1:101:A:GLY:H	18	0.11
(1,1394)	1:100:A:ARG:HB3	1:101:A:GLY:H	18	0.11
(1,1394)	1:100:A:ARG:HB2	1:101:A:GLY:H	18	0.11
(1,1394)	1:100:A:ARG:HB3	1:101:A:GLY:H	18	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD11	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD12	1	0.11
(1,1354)	1:97:A:ILE:H	1:97:A:ILE:HD13	1	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG21	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG22	1:127:A:LEU:HB3	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB2	6	0.11
(1,1342)	1:97:A:ILE:HG23	1:127:A:LEU:HB3	6	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD11	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD12	1:124:A:VAL:HG13	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG11	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG12	2	0.11
(1,1334)	1:97:A:ILE:HD13	1:124:A:VAL:HG13	2	0.11
(1,1308)	1:95:A:ARG:HA	1:100:A:ARG:H	14	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB1	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB2	1:127:A:LEU:HD13	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD11	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD12	3	0.11
(1,1273)	1:93:A:ALA:HB3	1:127:A:LEU:HD13	3	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB1	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB2	1:97:A:ILE:HD13	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD11	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD12	13	0.11
(1,1268)	1:93:A:ALA:HB3	1:97:A:ILE:HD13	13	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD21	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD22	14	0.11
(1,1248)	1:92:A:LEU:HA	1:92:A:LEU:HD23	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD21	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD22	1:112:A:PHE:HD2	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD1	14	0.11
(1,1217)	1:90:A:LEU:HD23	1:112:A:PHE:HD2	14	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD11	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD12	1:111:A:TYR:HB3	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB2	7	0.11
(1,1197)	1:90:A:LEU:HD13	1:111:A:TYR:HB3	7	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB1	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB2	2	0.11
(1,1148)	1:86:A:ASN:HA	1:89:A:ALA:HB3	2	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB2	1:89:A:ALA:HB3	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB1	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB2	5	0.11
(1,1121)	1:84:A:PHE:HB3	1:89:A:ALA:HB3	5	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD1	1:89:A:ALA:HB3	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB1	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB2	7	0.11
(1,1096)	1:81:A:PHE:HD2	1:89:A:ALA:HB3	7	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB2	1:92:A:LEU:HD13	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD11	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD12	9	0.11
(1,1084)	1:80:A:PHE:HB3	1:92:A:LEU:HD13	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	3	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	3	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	6	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	6	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	9	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	9	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	10	0.11
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	10	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	11	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB2	1:78:A:LYS:HE3	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE2	11	0.11
(1,1063)	1:78:A:LYS:HB3	1:78:A:LYS:HE3	11	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB2	1:72:A:LYS:HE3	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE2	1	0.11
(1,999)	1:72:A:LYS:HB3	1:72:A:LYS:HE3	1	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB1	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB2	1:124:A:VAL:HG23	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG21	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG22	6	0.11
(1,991)	1:71:A:ALA:HB3	1:124:A:VAL:HG23	6	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	4	0.11
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	4	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG21	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG22	1:143:A:PRO:HD3	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD2	17	0.11
(1,945)	1:67:A:VAL:HG23	1:143:A:PRO:HD3	17	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	1	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	1	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	3	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	3	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	6	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	6	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	12	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	12	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	20	0.11
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	20	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG11	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG12	18	0.11
(1,810)	1:56:A:VAL:H	1:56:A:VAL:HG13	18	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD1	1:52:A:LEU:HD23	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD21	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD22	2	0.11
(1,698)	1:51:A:TYR:HD2	1:52:A:LEU:HD23	2	0.11
(1,658)	1:47:A:GLN:HB2	1:48:A:SER:H	16	0.11
(1,658)	1:47:A:GLN:HB3	1:48:A:SER:H	16	0.11
(1,658)	1:47:A:GLN:HB2	1:48:A:SER:H	16	0.11
(1,658)	1:47:A:GLN:HB3	1:48:A:SER:H	16	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD12	7	0.11
(1,648)	1:46:A:SER:HB2	1:49:A:ILE:HD13	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD11	7	0.11
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD12	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,648)	1:46:A:SER:HB3	1:49:A:ILE:HD13	7	0.11
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	14	0.11
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	14	0.11
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG2	14	0.11
(1,628)	1:43:A:LYS:H	1:43:A:LYS:HG3	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG21	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG22	14	0.11
(1,619)	1:42:A:THR:H	1:42:A:THR:HG23	14	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD11	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD12	1:49:A:ILE:HD13	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD11	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD12	1	0.11
(1,593)	1:41:A:ILE:HD13	1:49:A:ILE:HD13	1	0.11
(1,567)	1:39:A:ARG:HA	1:39:A:ARG:HD2	13	0.11
(1,567)	1:39:A:ARG:HA	1:39:A:ARG:HD3	13	0.11
(1,567)	1:39:A:ARG:HA	1:39:A:ARG:HD2	13	0.11
(1,567)	1:39:A:ARG:HA	1:39:A:ARG:HD3	13	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG21	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG22	1:70:A:LEU:HB3	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB2	14	0.11
(1,538)	1:36:A:ILE:HG23	1:70:A:LEU:HB3	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB2	1:34:A:ARG:HD3	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD2	14	0.11
(1,505)	1:34:A:ARG:HB3	1:34:A:ARG:HD3	14	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD1	1:70:A:LEU:HD13	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD11	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD12	6	0.11
(1,490)	1:33:A:TYR:HD2	1:70:A:LEU:HD13	6	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB1	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB2	1:142:A:VAL:HG23	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG21	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG22	15	0.11
(1,479)	1:32:A:ALA:HB3	1:142:A:VAL:HG23	15	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	11	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	11	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB1	1:66:A:PHE:HE2	16	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB2	1:66:A:PHE:HE2	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE1	16	0.11
(1,475)	1:32:A:ALA:HB3	1:66:A:PHE:HE2	16	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	1	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	1	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	1	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	1	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	16	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	16	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	16	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	16	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	19	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	19	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD1	19	0.11
(1,452)	1:30:A:LYS:HA	1:33:A:TYR:HD2	19	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	2	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD21	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD22	13	0.11
(1,273)	1:20:A:LEU:HA	1:20:A:LEU:HD23	13	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD11	20	0.11
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD12	20	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,264)	1:17:A:LYS:H	1:20:A:LEU:HD13	20	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE2	1:20:A:LEU:HD23	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD21	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD22	18	0.11
(1,257)	1:17:A:LYS:HE3	1:20:A:LEU:HD23	18	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE2	1:20:A:LEU:HD13	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD11	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD12	16	0.11
(1,256)	1:17:A:LYS:HE3	1:20:A:LEU:HD13	16	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE1	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE2	1:29:A:ILE:HG13	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG12	3	0.11
(1,226)	1:16:A:MET:HE3	1:29:A:ILE:HG13	3	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE1	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE2	14	0.11
(1,217)	1:16:A:MET:HB2	1:16:A:MET:HE3	14	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB1	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB2	1:17:A:LYS:HE3	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE2	12	0.11
(1,196)	1:15:A:ALA:HB3	1:17:A:LYS:HE3	12	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD1	1:28:A:VAL:HG23	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG21	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG22	9	0.11
(1,173)	1:14:A:TYR:HD2	1:28:A:VAL:HG23	9	0.11
(1,117)	1:10:A:LYS:HA	1:11:A:ARG:H	18	0.11
(1,25)	1:45:A:TYR:H	1:42:A:THR:O	13	0.11
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD21	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD22	9	0.1
(1,1721)	1:127:A:LEU:HA	1:127:A:LEU:HD23	9	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD1	1:123:A:LEU:HD13	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD11	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD12	10	0.1
(1,1527)	1:111:A:TYR:HD2	1:123:A:LEU:HD13	10	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	3	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	3	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD1	1:114:A:ILE:HD13	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD11	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD12	14	0.1
(1,1525)	1:111:A:TYR:HD2	1:114:A:ILE:HD13	14	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG21	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG22	17	0.1
(1,1474)	1:108:A:VAL:H	1:108:A:VAL:HG23	17	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA2	1:102:A:PRO:HD3	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD2	2	0.1
(1,1400)	1:101:A:GLY:HA3	1:102:A:PRO:HD3	2	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD21	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD22	1:127:A:LEU:HD23	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD21	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD22	7	0.1
(1,1378)	1:98:A:LEU:HD23	1:127:A:LEU:HD23	7	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD21	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD22	1:112:A:PHE:HB3	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB2	8	0.1
(1,1216)	1:90:A:LEU:HD23	1:112:A:PHE:HB3	8	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG21	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG22	5	0.1
(1,1144)	1:85:A:ILE:H	1:85:A:ILE:HG23	5	0.1
(1,1079)	1:79:A:GLN:H	1:80:A:PHE:H	11	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	2	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	2	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	2	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG2	1:79:A:GLN:HE22	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE21	7	0.1
(1,1073)	1:79:A:GLN:HG3	1:79:A:GLN:HE22	7	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD21	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD22	1	0.1
(1,1045)	1:77:A:ARG:HA	1:120:A:LEU:HD23	1	0.1
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	11	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD11	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD12	1:79:A:GLN:HE21	11	0.1
(1,1030)	1:75:A:LEU:HD13	1:79:A:GLN:HE21	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD12	11	0.1
(1,1025)	1:75:A:LEU:HB2	1:75:A:LEU:HD13	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD11	11	0.1
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD12	11	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1025)	1:75:A:LEU:HB3	1:75:A:LEU:HD13	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD21	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD22	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD23	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD21	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD22	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD23	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD21	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD22	11	0.1
(1,1022)	1:75:A:LEU:HA	1:75:A:LEU:HD23	11	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD21	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD22	5	0.1
(1,972)	1:70:A:LEU:HA	1:70:A:LEU:HD23	5	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG2	1:63:A:MET:HE3	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE1	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE2	15	0.1
(1,876)	1:63:A:MET:HG3	1:63:A:MET:HE3	15	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD11	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD12	1:69:A:ARG:HB3	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB2	4	0.1
(1,728)	1:52:A:LEU:HD13	1:69:A:ARG:HB3	4	0.1
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	17	0.1
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	17	0.1
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE21	17	0.1
(1,709)	1:52:A:LEU:HA	1:55:A:GLN:HE22	17	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	11	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD21	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD22	16	0.1
(1,707)	1:52:A:LEU:HA	1:52:A:LEU:HD23	16	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD11	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD12	4	0.1
(1,670)	1:49:A:ILE:HA	1:52:A:LEU:HD13	4	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB2	1:41:A:ILE:HG23	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG21	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG22	7	0.1
(1,572)	1:39:A:ARG:HB3	1:41:A:ILE:HG23	7	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD11	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD12	17	0.1
(1,518)	1:36:A:ILE:HA	1:36:A:ILE:HD13	17	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE1	1:49:A:ILE:HG23	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG21	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG22	2	0.1
(1,493)	1:33:A:TYR:HE2	1:49:A:ILE:HG23	2	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB1	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB2	1:70:A:LEU:HD13	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD11	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD12	11	0.1
(1,477)	1:32:A:ALA:HB3	1:70:A:LEU:HD13	11	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB1	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB2	1:67:A:VAL:HG23	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG21	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG22	5	0.1
(1,476)	1:32:A:ALA:HB3	1:67:A:VAL:HG23	5	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG21	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG22	1:33:A:TYR:HE2	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE1	2	0.1
(1,441)	1:29:A:ILE:HG23	1:33:A:TYR:HE2	2	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.1
(1,327)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD11	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD12	1:24:A:GLU:HG3	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG2	11	0.1
(1,285)	1:20:A:LEU:HD13	1:24:A:GLU:HG3	11	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB1	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB2	1:140:A:GLU:HG3	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG2	14	0.1
(1,198)	1:15:A:ALA:HB3	1:140:A:GLU:HG3	14	0.1
(1,117)	1:10:A:LYS:HA	1:11:A:ARG:H	8	0.1

10 Dihedral-angle violation analysis [i](#)

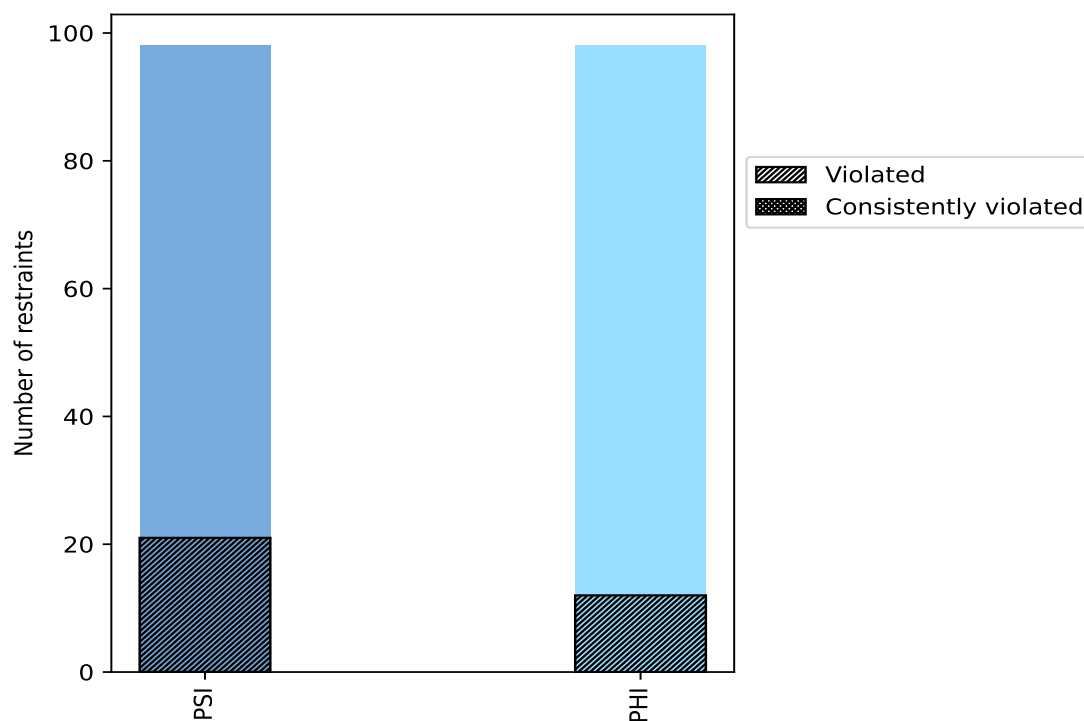
10.1 Summary of dihedral-angle violations [i](#)

The following table provides the summary of dihedral-angle violations in different dihedral-angle types. Violations less than 1° are not included in the calculation.

Angle type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
PSI	98	50.0	21	21.4	10.7	0	0.0	0.0
PHI	98	50.0	12	12.2	6.1	0	0.0	0.0
Total	196	100.0	33	16.8	16.8	0	0.0	0.0

¹ percentage calculated with respect to total number of dihedral-angle restraints, ² percentage calculated with respect to number of restraints in a particular dihedral-angle type, ³ violated in at least one model, ⁴ violated in all the models

10.1.1 Bar chart : Distribution of dihedral-angles and violations [i](#)



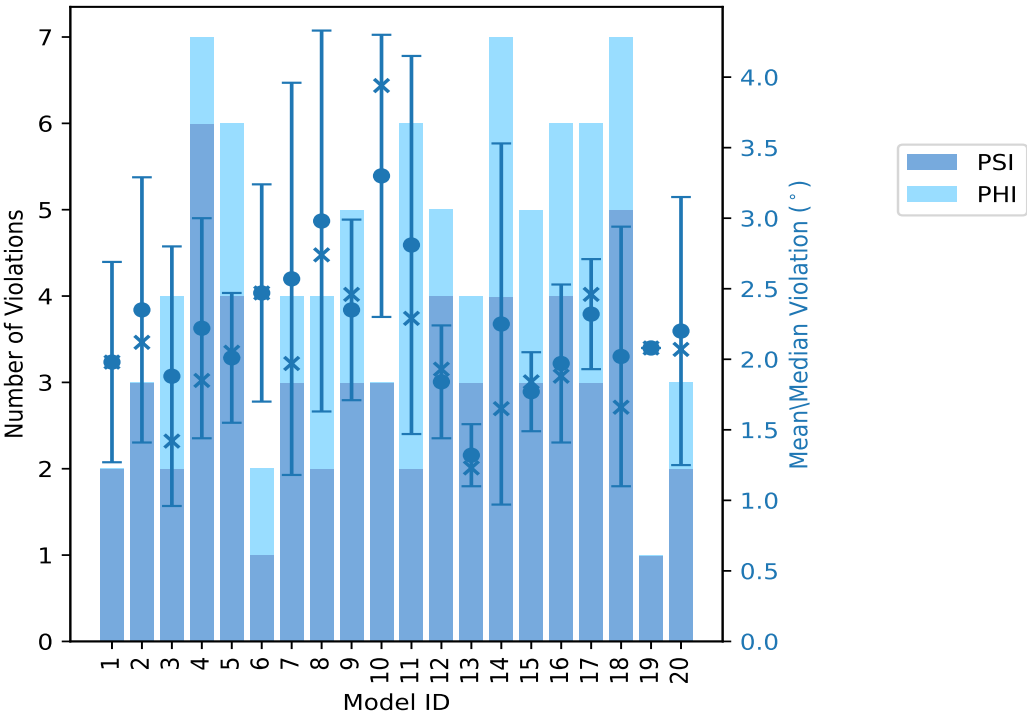
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories

10.2 Dihedral-angle violation statistics for each model ⓘ

The following table provides the dihedral-angle violation statistics for each model in the ensemble. Violations less than 1° are not included in the statistics.

Model ID	Number of violations			Mean (°)	Max (°)	SD (°)	Median (°)
	PSI	PHI	Total				
1	2	0	2	1.98	2.69	0.71	1.98
2	3	0	3	2.35	3.6	0.94	2.12
3	2	2	4	1.88	3.45	0.92	1.42
4	6	1	7	2.22	3.87	0.78	1.85
5	4	2	6	2.01	2.58	0.46	2.05
6	1	1	2	2.47	3.24	0.77	2.47
7	3	1	4	2.57	4.9	1.39	1.97
8	2	2	4	2.98	4.96	1.35	2.74
9	3	2	5	2.35	2.97	0.64	2.46
10	3	0	3	3.3	4.07	1.0	3.94
11	2	4	6	2.81	5.55	1.34	2.29
12	4	1	5	1.84	2.43	0.4	1.93
13	3	1	4	1.32	1.7	0.22	1.23
14	4	3	7	2.25	4.8	1.28	1.65
15	3	2	5	1.77	2.08	0.28	1.84
16	4	2	6	1.97	2.73	0.56	1.88
17	3	3	6	2.32	2.7	0.39	2.46
18	5	2	7	2.02	4.09	0.92	1.66
19	1	0	1	2.08	2.08	0.0	2.08
20	2	1	3	2.2	3.42	0.95	2.07

10.2.1 Bar graph : Dihedral violation statistics for each model ⓘ



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

10.3 Dihedral-angle violation statistics for the ensemble ⓘ

Violation analysis may find that some restraints are violated in very few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of ensemble.

Number of violated restraints			Fraction of the ensemble	
PSI	PHI	Total	Count ¹	%
10	5	15	1	5.0
4	2	6	2	10.0
2	2	4	3	15.0
2	1	3	4	20.0
0	1	1	5	25.0
0	1	1	6	30.0
0	0	0	7	35.0
0	0	0	8	40.0
2	0	2	9	45.0
1	0	1	10	50.0
0	0	0	11	55.0

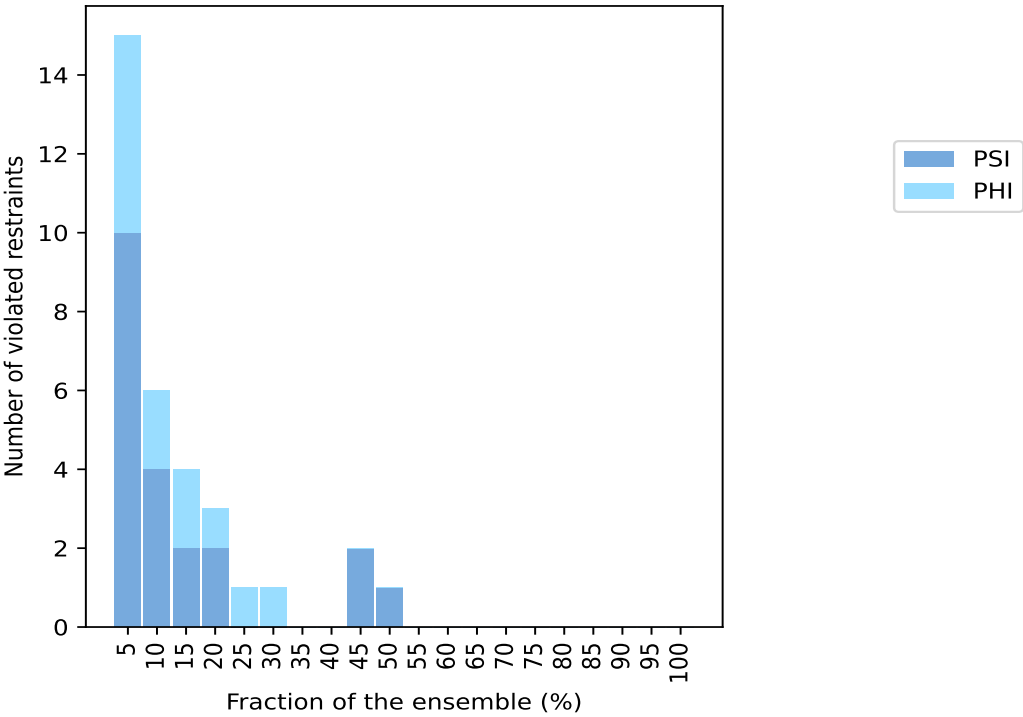
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Number of violated restraints			Fraction of the ensemble	
PSI	PHI	Total	Count ¹	%
0	0	0	12	60.0
0	0	0	13	65.0
0	0	0	14	70.0
0	0	0	15	75.0
0	0	0	16	80.0
0	0	0	17	85.0
0	0	0	18	90.0
0	0	0	19	95.0
0	0	0	20	100.0

¹ Number of models with violations

10.3.1 Bar graph : Dihedral-angle Violation statistics for the ensemble ⓘ

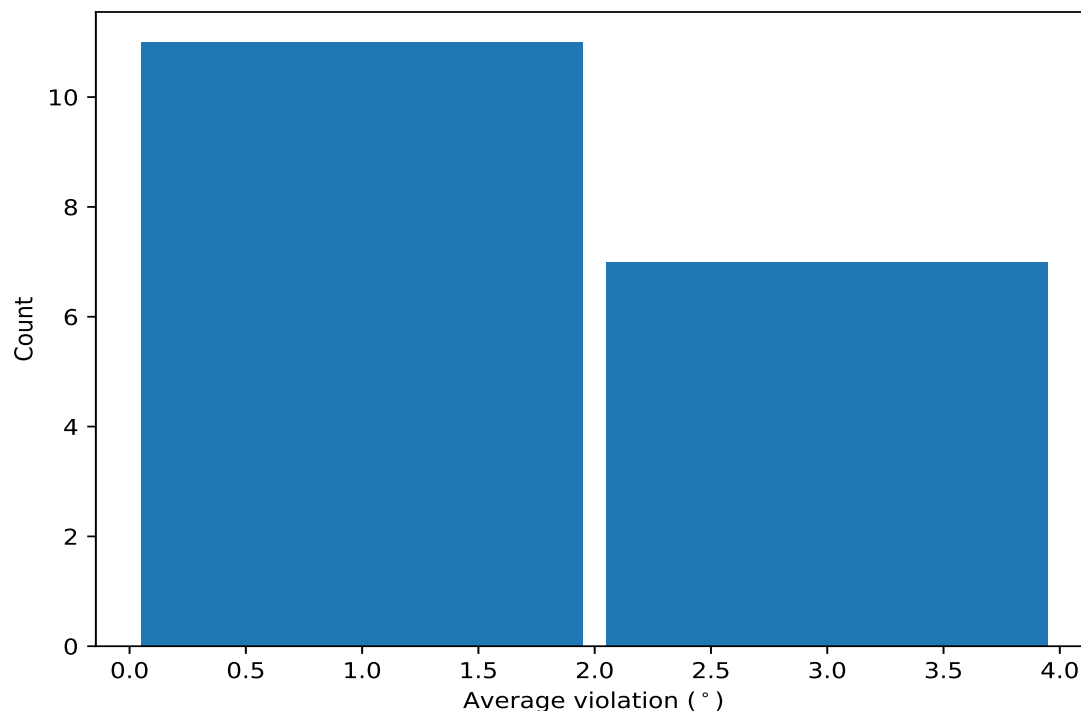


10.4 Most violated dihedral-angle restraints in the ensemble ⓘ

10.4.1 Histogram : Distribution of mean dihedral-angle violations ⓘ

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models

in the ensemble



10.4.2 Table: Most violated dihedral-angle restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

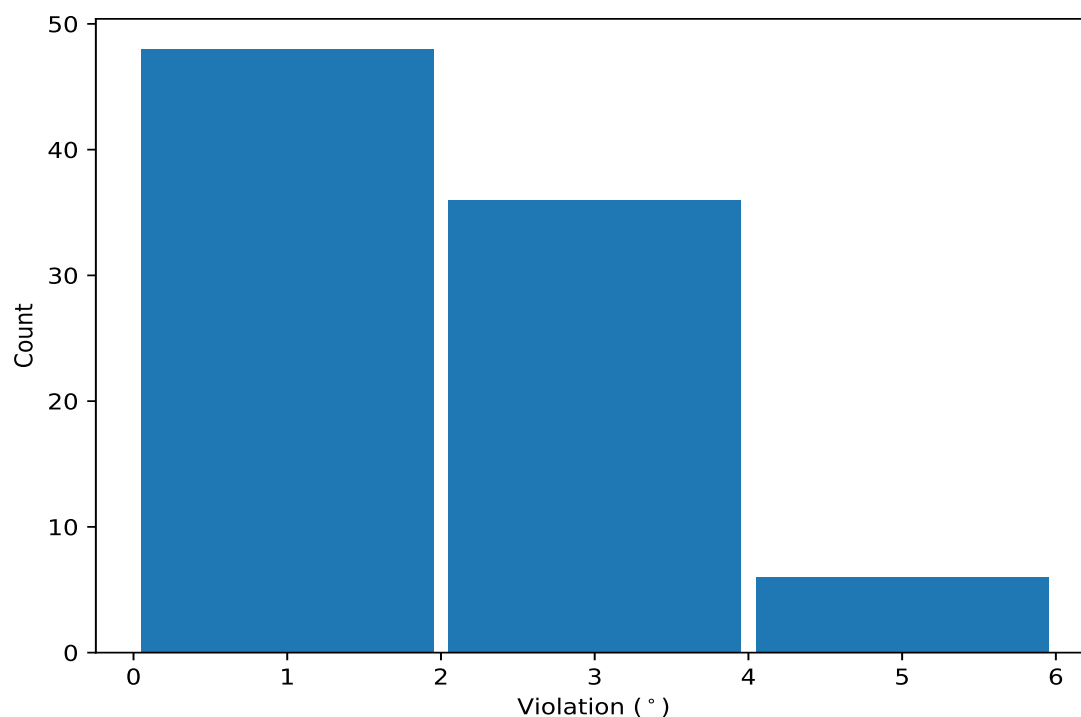
Key	Atom-1	Atom-2	Atom-3	Atom-4	Models ¹	Mean	SD ²	Median
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	10	2.33	1.04	1.89
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	9	3.67	1.28	3.87
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	9	2.04	0.47	2.01
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	6	2.74	0.73	2.92
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	5	2.01	0.31	2.01
(1,156)	1:117:A:SER:N	1:117:A:SER:CA	1:117:A:SER:C	1:118:A:GLY:N	4	1.98	0.95	1.52
(1,169)	1:126:A:ALA:C	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	4	1.98	0.69	2.08
(1,186)	1:136:A:TYR:N	1:136:A:TYR:CA	1:136:A:TYR:C	1:137:A:PHE:N	4	1.44	0.33	1.42
(1,182)	1:134:A:ALA:N	1:134:A:ALA:CA	1:134:A:ALA:C	1:135:A:ASP:N	3	2.21	0.72	2.41
(1,170)	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	1:128:A:VAL:N	3	1.76	0.11	1.73
(1,41)	1:35:A:GLN:C	1:36:A:ILE:N	1:36:A:ILE:CA	1:36:A:ILE:C	3	1.64	0.6	1.43
(1,153)	1:115:A:VAL:C	1:116:A:SER:N	1:116:A:SER:CA	1:116:A:SER:C	3	1.55	0.32	1.49
(1,71)	1:60:A:ASP:C	1:61:A:ILE:N	1:61:A:ILE:CA	1:61:A:ILE:C	2	2.32	0.36	2.32
(1,46)	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	1:39:A:ARG:N	2	1.97	0.36	1.97
(1,102)	1:77:A:ARG:N	1:77:A:ARG:CA	1:77:A:ARG:C	1:78:A:LYS:N	2	1.85	0.15	1.85
(1,104)	1:78:A:LYS:N	1:78:A:LYS:CA	1:78:A:LYS:C	1:79:A:GLN:N	2	1.82	0.11	1.82
(1,123)	1:94:A:PHE:C	1:95:A:ARG:N	1:95:A:ARG:CA	1:95:A:ARG:C	2	1.56	0.38	1.56
(1,122)	1:94:A:PHE:N	1:94:A:PHE:CA	1:94:A:PHE:C	1:95:A:ARG:N	2	1.19	0.06	1.19

¹ Number of violated models, ²Standard deviation, All angle values are in degree (°)

10.5 All violated dihedral-angle restraints [i](#)

10.5.1 Histogram : Distribution of violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



10.5.2 Table: All violated dihedral-angle restraints [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	11	5.55
(1,126)	1:96:A:HIS:N	1:96:A:HIS:CA	1:96:A:HIS:C	1:97:A:ILE:N	8	4.96
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	7	4.9
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	14	4.8
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	18	4.09
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	10	4.07
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	10	3.94
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	4	3.87
(1,156)	1:117:A:SER:N	1:117:A:SER:CA	1:117:A:SER:C	1:118:A:GLY:N	2	3.6
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	14	3.51
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	8	3.48
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	3	3.45
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	20	3.42
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	6	3.24

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,39)	1:34:A:ARG:C	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	11	3.22
(1,182)	1:134:A:ALA:N	1:134:A:ALA:CA	1:134:A:ALA:C	1:135:A:ASP:N	9	2.97
(1,130)	1:98:A:LEU:N	1:98:A:LEU:CA	1:98:A:LEU:C	1:99:A:GLY:N	9	2.87
(1,98)	1:75:A:LEU:N	1:75:A:LEU:CA	1:75:A:LEU:C	1:76:A:TYR:N	4	2.79
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	16	2.73
(1,169)	1:126:A:ALA:C	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	17	2.7
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	1	2.69
(1,71)	1:60:A:ASP:C	1:61:A:ILE:N	1:61:A:ILE:CA	1:61:A:ILE:C	17	2.67
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	11	2.61
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	17	2.59
(1,169)	1:126:A:ALA:C	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	5	2.58
(1,192)	1:140:A:GLU:N	1:140:A:GLU:CA	1:140:A:GLU:C	1:141:A:THR:N	16	2.56
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	18	2.48
(1,41)	1:35:A:GLN:C	1:36:A:ILE:N	1:36:A:ILE:CA	1:36:A:ILE:C	9	2.46
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	12	2.43
(1,182)	1:134:A:ALA:N	1:134:A:ALA:CA	1:134:A:ALA:C	1:135:A:ASP:N	5	2.41
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	17	2.33
(1,46)	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	1:39:A:ARG:N	7	2.33
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	9	2.29
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	5	2.19
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	4	2.14
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	2	2.12
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	19	2.08
(1,7)	1:16:A:MET:C	1:17:A:LYS:N	1:17:A:LYS:CA	1:17:A:LYS:C	15	2.08
(1,103)	1:77:A:ARG:C	1:78:A:LYS:N	1:78:A:LYS:CA	1:78:A:LYS:C	20	2.07
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	8	2.01
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	12	2.01
(1,102)	1:77:A:ARG:N	1:77:A:ARG:CA	1:77:A:ARG:C	1:78:A:LYS:N	14	2.0
(1,153)	1:115:A:VAL:C	1:116:A:SER:N	1:116:A:SER:CA	1:116:A:SER:C	11	1.97
(1,71)	1:60:A:ASP:C	1:61:A:ILE:N	1:61:A:ILE:CA	1:61:A:ILE:C	11	1.96
(1,37)	1:33:A:TYR:C	1:34:A:ARG:N	1:34:A:ARG:CA	1:34:A:ARG:C	16	1.95
(1,123)	1:94:A:PHE:C	1:95:A:ARG:N	1:95:A:ARG:CA	1:95:A:ARG:C	17	1.94
(1,104)	1:78:A:LYS:N	1:78:A:LYS:CA	1:78:A:LYS:C	1:79:A:GLN:N	12	1.93
(1,170)	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	1:128:A:VAL:N	5	1.91
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	15	1.9
(1,2)	1:14:A:TYR:N	1:14:A:TYR:CA	1:14:A:TYR:C	1:15:A:ALA:N	10	1.88
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	4	1.85
(1,186)	1:136:A:TYR:N	1:136:A:TYR:CA	1:136:A:TYR:C	1:137:A:PHE:N	15	1.84
(1,54)	1:51:A:TYR:N	1:51:A:TYR:CA	1:51:A:TYR:C	1:52:A:LEU:N	16	1.81
(1,180)	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	1:134:A:ALA:N	5	1.78
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	15	1.78
(1,170)	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	1:128:A:VAL:N	16	1.73
(1,104)	1:78:A:LYS:N	1:78:A:LYS:CA	1:78:A:LYS:C	1:79:A:GLN:N	4	1.71
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	6	1.7
(1,186)	1:136:A:TYR:N	1:136:A:TYR:CA	1:136:A:TYR:C	1:137:A:PHE:N	18	1.7
(1,102)	1:77:A:ARG:N	1:77:A:ARG:CA	1:77:A:ARG:C	1:78:A:LYS:N	13	1.7
(1,156)	1:117:A:SER:N	1:117:A:SER:CA	1:117:A:SER:C	1:118:A:GLY:N	17	1.67
(1,124)	1:95:A:ARG:N	1:95:A:ARG:CA	1:95:A:ARG:C	1:96:A:HIS:N	18	1.66
(1,170)	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	1:128:A:VAL:N	14	1.65
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	7	1.61
(1,46)	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	1:39:A:ARG:N	4	1.61

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	4	1.6
(1,179)	1:132:A:GLU:C	1:133:A:TYR:N	1:133:A:TYR:CA	1:133:A:TYR:C	12	1.6
(1,169)	1:126:A:ALA:C	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	3	1.58
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	18	1.56
(1,86)	1:69:A:ARG:N	1:69:A:ARG:CA	1:69:A:ARG:C	1:70:A:LEU:N	11	1.56
(1,183)	1:134:A:ALA:C	1:135:A:ASP:N	1:135:A:ASP:CA	1:135:A:ASP:C	18	1.52
(1,153)	1:115:A:VAL:C	1:116:A:SER:N	1:116:A:SER:CA	1:116:A:SER:C	8	1.49
(1,41)	1:35:A:GLN:C	1:36:A:ILE:N	1:36:A:ILE:CA	1:36:A:ILE:C	7	1.43
(1,127)	1:96:A:HIS:C	1:97:A:ILE:N	1:97:A:ILE:CA	1:97:A:ILE:C	14	1.42
(1,156)	1:117:A:SER:N	1:117:A:SER:CA	1:117:A:SER:C	1:118:A:GLY:N	14	1.36
(1,40)	1:35:A:GLN:N	1:35:A:GLN:CA	1:35:A:GLN:C	1:36:A:ILE:N	2	1.34
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	3	1.27
(1,156)	1:117:A:SER:N	1:117:A:SER:CA	1:117:A:SER:C	1:118:A:GLY:N	1	1.27
(1,122)	1:94:A:PHE:N	1:94:A:PHE:CA	1:94:A:PHE:C	1:95:A:ARG:N	13	1.25
(1,182)	1:134:A:ALA:N	1:134:A:ALA:CA	1:134:A:ALA:C	1:135:A:ASP:N	15	1.24
(1,188)	1:137:A:PHE:N	1:137:A:PHE:CA	1:137:A:PHE:C	1:138:A:GLY:N	12	1.23
(1,76)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:GLU:N	3	1.21
(1,153)	1:115:A:VAL:C	1:116:A:SER:N	1:116:A:SER:CA	1:116:A:SER:C	13	1.2
(1,144)	1:111:A:TYR:N	1:111:A:TYR:CA	1:111:A:TYR:C	1:112:A:PHE:N	5	1.19
(1,123)	1:94:A:PHE:C	1:95:A:ARG:N	1:95:A:ARG:CA	1:95:A:ARG:C	9	1.18
(1,186)	1:136:A:TYR:N	1:136:A:TYR:CA	1:136:A:TYR:C	1:137:A:PHE:N	13	1.14
(1,122)	1:94:A:PHE:N	1:94:A:PHE:CA	1:94:A:PHE:C	1:95:A:ARG:N	18	1.13
(1,186)	1:136:A:TYR:N	1:136:A:TYR:CA	1:136:A:TYR:C	1:137:A:PHE:N	20	1.1
(1,169)	1:126:A:ALA:C	1:127:A:LEU:N	1:127:A:LEU:CA	1:127:A:LEU:C	14	1.04
(1,41)	1:35:A:GLN:C	1:36:A:ILE:N	1:36:A:ILE:CA	1:36:A:ILE:C	16	1.04